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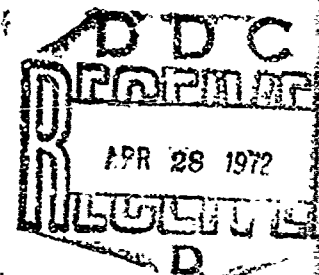
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FAN/COMPRESSOR NOISE RESEARCH

Volume III - Compilation of Test Data (I)

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16. Abstract Mechanisms of fan/compressor noise generation, transmission, radiation and propagation were physically defined and mathematically described in terms of functional relationships between acoustic, geometric and aerodynamic parameters. Based on these mechanisms, analytical and semi-empirical predictions of pure tone, broadband and multiple pure tone fan/compressor noise were established in terms of sound power spectra, directivity indices and the resultant sound pressure spectra. Test data on a variety of fan and compressor vehicles were used to verify the basic prediction techniques and to study the impact of specific design parameters upon fan/compressor noise, including vane-blade spacing, vane and blade numbers, tip speed, blade loading, rotor sweep, inlet guide vanes and vane lean. Effects of refraction on tone directivities were measured and compared with expectations. Propagation of acoustic waves were studied, with specific experiments conducted to investigate ground reflection phase factor and atmospheric absorption at high frequencies. The prediction systems were summarized in terms of flow charts and tables. Volumes I and II contain a detailed discussion of the experimentation and analysis. Volumes III and IV are a compilation of the acoustic test data in the form of computer print-out sheets.			
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ABSTRACT

Mechanisms of fan/compressor noise generation, transmission, radiation and propagation were physically defined and mathematically described in terms of functional relationships between acoustic, geometric and aerodynamic parameters. Based on these mechanisms, analytical and semi-empirical predictions of pure tone, broadband and multiple pure tone fan/compressor noise were established in terms of sound power spectra, directivity indices and the resultant sound pressure spectra.

Test data on a variety of fan and compressor vehicles were used to verify the basic prediction techniques and to study the impact of specific design parameters upon fan/compressor noise, including vane-blade spacing, vane and blade numbers, tip speed, blade loading, rotor sweep, inlet guide vanes and vane lean. Effects of refraction on tone directivities were measured and compared with expectations. Propagation of acoustic waves were studied, with specific experiments conducted to investigate ground reflection phase factor and atmospheric absorption at high frequencies.

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INTRODUCTION - APPENDICES A-C

Appendices A-C contain the processed data from each test vehicle configuration, in the form of the computer print-out sheet. The acoustic data presented on these sheets consists of 1/3 octave sound pressure level at each angle and 1/3 octave sound power level for frequencies of 50 to 10K Hz, overall sound pressure level and perceived noise level at each angle, overall sound power level, and the directivity index. A detailed explanation of the terminology is presented in the following pages. All data has been corrected for standard day atmospheric absorption conditions. The data for D/V I (Appendix A) is at a 250 foot radius only; the data for D/V II and D/V III (Appendices B-C) is at both a 250 foot and a 150 foot radius.

LEGEND - APPENDICES

The printouts in Appendices A-C are easily interpreted with the assistance of the pertinent nomenclature explanations. Basically, these are as follows:

RADIAL, RADIAL DISTANCE	Arc distance in feet
VEHICLE	Engine identification
CONFIG	Engine configuration
LOC	Test Location - Peebles Proving Grounds (P.P.G.)
T/D, DATE	Date of test - month/day/year
R/D	Date of Reduction of Data month/day/year
RUN	Engine run number
RDG	Number of each reading for particular run
BAR, BAR PRESSURE	Barometric Pressure in inches of mercury
TAMB, AMBIENT TEMP (°F)	Dry Bulb Ambient Temperature, degrees Fahrenheit
TWET, WET-BULB TEMP	Wet Bulb Ambient Temperature, degrees Fahrenheit
HACT, ABS. HUMIDITY	Absolute humidity in grams per cubic meter
SPEED	Physical Fan Speed in revolutions per minute
CRPM	Fan speed corrected for Standard Day Temperature of 59°F
TAPE	Tape reel number on which acoustic data was recorded

Other nomenclature on each printout is explained as follows:

FREQ	Column heading for listing of 1/3 octave band center frequencies from 50 Hz to 10 KHz
ANGLES FROM INLET	Fifteen columns for each of the microphone positions. Position in degrees is listed with position in radians in parenthesis.
STANDARD DAY	All data is corrected to atmospheric absorption conditions of standard day [59°F (288.15)] 70% relative humidity
PWL	Sound power level
CASPL MEASURED	Overall sound pressure level measured with a broadband (0 - 40 KHz) filter
OASPL CALCULATED	Log summation of SPL's for each 1/3 octave band, for that particular measurement angle
OAPWL	Overall sound power level calculated by summation of power level spectra from 50 Hz to 10 KHz
PNdB	Perceived Noise Level (Reference SAE ARP 865)
DIRECTIVITY INDEX	Directivity Index, defined as the sound pressure level at a particular position and frequency minus the spaced average sound pressure level at that frequency

APPENDIX A

DATA FROM D/V I - 250 ft. arc.

(REF. VOLUME I SECTION IV)

FREQ.		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY														INFLT	PWL		
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ANGLES FROM INFLT				120.0	130.0	140.0	150.0	160.0	
RADIAL	250.0	69.1	72.1	67.8	68.9	69.2	70.5	68.5	69.6	67.1	67.1	66.6	67.6	70.2	72.3	71.4	126.6		
VEHICLE	SM	65.5	68.3	64.6	73.3	64.2	69.2	66.7	70.4	65.4	66.1	65.6	66.4	72.3	71.6	70.4	126.7		
CONFIS	RUN 26	66.0	68.8	65.7	66.3	66.3	68.3	66.8	67.8	66.7	67.3	67.1	67.4	73.3	70.2	70.0	125.4		
L2C FPG		63.9	67.1	63.3	64.4	63.5	67.5	66.5	68.3	65.1	65.4	66.4	66.6	69.0	69.3	68.3	124.4		
DATE 12/11/68		63.0	65.3	61.2	62.3	61.7	65.0	64.6	64.7	64.1	64.0	64.9	64.9	74.1	68.1	70.3	124.3		
RUN 435,		63.4	63.3	60.6	62.5	62.0	64.1	63.6	64.9	64.0	64.1	64.8	63.5	64.8	65.1	64.1	121.3		
HAZ	29.2	60.8	59.9	56.4	61.6	53.1	60.0	59.8	61.8	61.5	61.2	62.0	60.9	61.7	58.8	62.2	118.9		
TAMP	35.0	55.5	55.8	55.2	55.3	55.0	55.6	56.1	57.6	58.1	57.2	57.0	55.6	56.3	59.4	61.8	117.4		
TWET	29.0	56.3	56.9	58.5	59.5	58.7	56.7	56.3	56.8	56.4	57.8	59.4	61.0	62.2	62.9	62.9	117.5		
WACT	2-56164	60.7	60.8	61.2	63.7	61.5	60.9	60.4	59.5	59.1	59.9	61.9	64.0	64.7	63.3	62.9	121.4		
SPEED	05000	63.2	63.2	63.2	64.0	62.0	63.1	62.8	62.8	63.0	63.0	64.9	65.7	64.7	63.3	62.9	122.2		
CRPM	5119.8	62.7	65.5	66.7	65.1	66.1	64.6	64.2	65.7	67.4	67.4	68.4	68.2	65.6	65.2	63.0	123.4		
TAPE	142/6,	63.2	66.4	69.0	70.3	69.0	67.3	65.6	67.1	69.0	69.0	69.6	68.1	66.4	64.6	63.6	125.9		
		64.1	69.6	72.6	72.3	72.0	70.4	69.4	69.2	70.0	71.7	71.6	71.8	67.8	65.5	68.3	124.9		
		66.4	71.7	72.3	72.5	73.0	70.5	69.4	70.5	72.6	73.7	72.8	73.0	70.5	67.2	69.6	131.3		
		65.2	72.1	73.4	73.6	74.5	70.8	70.1	71.5	72.3	73.0	72.2	74.4	70.0	65.3	70.8	132.0		
		65.8	71.4	73.2	72.8	73.1	70.0	69.3	72.0	72.7	72.6	71.8	74.4	69.7	65.3	70.4	132.0		
	25	70.0	77.4	80.7	78.0	77.3	78.6	76.0	74.3	75.5	79.0	80.4	76.9	71.9	69.4	73.9	136.3		
	31.0	67.3	74.0	77.0	74.9	71.0	73.6	72.6	70.6	73.2	76.3	76.6	75.3	68.4	69.4	69.2	134.6		
	4007	67.7	74.5	75.0	76.1	73.6	73.6	73.5	73.5	75.6	77.1	76.2	75.3	70.2	64.7	71.0	133.9		
	5000	68.2	76.0	74.7	76.5	72.4	73.3	73.5	73.5	75.6	77.1	76.2	75.3	70.2	64.7	71.0	133.9		
	5500	65.3	71.8	75.7	74.6	73.4	72.5	70.6	68.0	70.4	73.8	77.4	75.3	67.7	69.2	76.3	137.9		
		65.7	73.1	74.3	75.9	74.1	73.0	71.6	69.8	72.9	75.2	75.3	73.3	69.7	67.5	69.2	137.2		
	10000	73.5	85.6	86.3	86.4	86.5	85.2	83.4	84.0	84.4	84.1	86.6	85.8	84.1	83.2	78.8	137.2		
		84.7	86.1	86.7	85.9	86.1	84.4	83.0	83.2	84.3	85.6	86.4	85.8	82.9	81.8	82.8	137.2		
		97.9	99.1	101.2	100.0	100.5	99.4	97.6	97.1	98.2	100.5	101.2	99.7	95.8	95.5	96.2	137.2		
	8000																		

OSPL 146.2

DIRECTIVITY INDEX

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
50	-0.0	3.0	-1.3	-0.1	0.1	1.4	-0.5	0.5	-2.0	-1.9	-2.4	-1.5	1.1	3.2	2.4
63	-3.3	-0.5	-4.3	4.4	-0.6	0.4	-2.1	1.5	-3.4	-2.8	-3.2	-2.4	3.5	2.7	1.6
80	-1.3	1.3	-3.1	-1.1	1.2	0.8	-0.6	0.3	-0.7	-0.1	-0.4	-0.1	1.9	2.7	2.5
100	-2.4	0.7	-3.1	-1.9	-0.9	1.1	0.2	0.1	-1.2	-0.9	0.0	0.3	2.7	3.0	1.9
125	-3.3	-0.6	-5.1	-4.0	-2.6	-0.5	-1.7	-1.6	-2.2	-2.3	-1.4	-0.4	7.7	1.4	3.3
160	-0.3	-0.3	-3.0	-1.2	-2.4	-0.5	-0.0	1.3	0.3	0.6	1.1	-0.2	1.1	1.4	0.4
200	0.2	-0.7	-4.1	1.0	-2.4	-0.5	-0.8	1.3	0.9	0.6	1.5	0.3	1.1	1.6	1.7
250	-1.4	-1.1	-1.7	-1.6	-1.9	-1.3	-0.3	0.7	1.2	0.3	0.1	-1.3	1.4	2.5	5.0
315	-2.7	-2.0	-0.4	0.6	-0.2	-2.2	-2.6	-2.1	-2.6	-1.1	0.5	2.1	3.3	4.0	4.0
400	-3.8	-0.9	-0.5	2.0	-0.3	-0.8	-1.3	-2.2	-2.6	-1.4	1.5	2.3	3.3	3.3	1.5
500	-2.7	-0.2	-0.2	0.6	-0.6	-0.3	-0.6	-0.6	-0.4	-0.4	1.5	2.3	1.3	-0.1	-0.5
630	-2.9	-0.4	0.0	-1.2	-0.5	-0.2	-0.1	-0.1	-0.1	1.5	1.7	2.2	0.4	-2.0	-2.4
800	-4.4	-0.9	0.4	-1.3	-0.2	-1.7	-2.2	-2.7	-1.0	2.8	2.1	1.9	-0.7	-1.1	-3.3
1000	-5.3	-1.2	1.3	2.6	1.4	-0.3	-1.9	-2.0	-0.5	1.4	2.0	0.5	-1.2	-1.0	-2.0
1250	-5.2	-0.8	2.1	1.9	1.6	-0.0	-1.1	-1.2	-0.5	1.3	1.1	1.3	-4.0	-4.0	-2.1
1600	-5.8	0.1	0.7	0.9	2.4	-1.2	-2.0	-1.1	1.0	2.1	1.2	2.4	-1.1	-5.7	-1.2
2000	-5.8	0.0	1.3	1.5	2.4	-2.0	-2.0	-0.6	0.2	0.9	0.1	2.5	-2.2	-5.7	-1.6
2500	-5.2	-0.6	1.3	0.9	3.1	-2.0	-2.0	-0.1	0.1	0.7	-0.2	2.5	-4.7	-4.7	-4.5
3150	-7.4	0.0	3.3	0.6	1.9	1.2	-1.4	-3.1	-1.9	1.6	3.0	-0.5	-5.5	-4.7	-4.5
4000	-6.2	0.5	3.5	1.4	-2.6	0.8	-0.9	-2.9	-0.3	2.8	3.1	-0.9	-5.1	-4.7	-4.5
5000	-6.7	0.1	1.7	1.7	-0.8	-0.8	-0.9	-1.3	1.2	2.7	1.4	1.7	-5.7	-5.7	-4.5
6300	-7.2	0.6	-0.7	1.1	1.9	-2.1	-1.2	-0.4	0.7	-0.5	3.7	-0.8	-7.8	-7.8	-1.1
8000	-7.8	-1.4	2.5	1.5	2.2	-0.7	-2.6	-4.2	-2.0	4.2	2.1	-4.2	-5.5	-4.0	-5.2
10000	-7.3	0.1	1.3	2.8	1.1	0.0	-1.4	-3.2	-0.1	2.2	2.3	0.2	-4.3	-5.5	-5.0

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RADIO VEHICLE CONFIG LOC DATE RUN BAR TAMB THET NACT SPEED CRPM TAPE	FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY											PHL			
		ANGLES FROM INLET														
250.0	50	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
50	50	69.7	69.2	68.8	68.0	68.4	68.7	68.1	68.5	68.9	69.9	70.8	72.6	74.1	77.5	80.9
55	63	65.3	64.4	65.2	65.3	67.6	67.1	67.3	67.0	68.4	68.5	70.4	71.5	73.2	77.3	80.5
60	80	65.4	65.5	66.2	66.4	71.3	71.7	72.8	73.6	74.2	75.6	78.0	79.4	81.9	85.3	88.5
108	108	69.2	69.5	69.2	69.4	71.3	71.7	72.8	73.6	74.2	75.6	78.0	79.4	81.9	85.3	88.5
127	127	64.3	64.0	64.6	64.9	66.2	66.9	67.4	68.3	68.6	69.3	70.5	71.5	72.8	74.8	76.4
160	160	62.0	63.9	62.7	63.1	64.2	65.5	66.5	67.4	67.3	67.5	68.3	68.5	69.6	71.0	73.0
200	200	62.9	63.7	60.8	63.1	61.9	63.7	66.5	68.9	67.7	68.7	69.1	67.4	66.5	65.5	64.7
230	230	57.9	50.9	58.3	57.4	56.6	58.0	60.6	63.2	62.6	60.9	60.8	61.3	63.1	65.7	69.1
250	250	56.5	60.1	62.8	63.7	62.9	64.5	66.1	68.5	61.0	63.5	64.5	65.8	67.6	69.7	70.8
250.0	400	63.4	68.9	68.4	68.4	67.3	67.5	68.7	68.1	65.9	65.0	67.9	70.6	71.9	73.7	75.8
613.8	500	63.8	68.9	69.0	68.5	68.3	68.7	69.6	68.6	68.0	68.8	70.4	72.2	71.9	69.7	68.8
1827A.	630	68.5	71.5	72.4	73.1	69.9	70.6	70.7	71.0	71.5	72.6	72.7	73.5	72.3	69.3	68.3
	803	68.0	71.5	72.7	73.0	68.2	68.5	68.4	70.9	71.5	72.4	72.1	73.1	69.4	68.7	71.0
	1000	66.5	70.3	72.4	72.4	72.8	73.0	69.2	68.2	70.3	71.1	71.8	72.8	69.4	68.7	71.0
	1250	68.4	73.3	75.9	75.9	75.0	73.4	74.1	73.5	74.9	76.2	76.9	78.5	72.7	70.8	73.0
	1600	69.9	76.6	77.0	75.9	75.9	75.0	73.4	73.6	77.2	76.1	76.1	75.7	73.0	71.1	73.7
	2000	69.0	74.9	76.7	76.2	76.7	76.7	75.4	75.3	77.2	77.7	76.8	77.0	72.7	70.5	74.0
	2500	69.0	74.9	76.7	76.2	76.7	76.7	75.4	75.3	77.2	77.7	76.8	77.0	72.7	70.5	74.0
	3150	68.5	75.5	78.7	78.5	76.4	77.8	75.3	74.6	74.3	77.6	77.6	74.2	68.8	71.3	78.0
	3800	77.4	85.2	88.4	87.3	84.5	85.3	85.3	85.0	86.2	87.9	87.6	81.4	78.0	75.4	78.0
	4500	78.9	90.3	90.5	89.3	87.1	88.7	89.6	89.6	91.7	91.7	90.4	89.3	82.3	78.3	74.0
	5300	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	6000	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	6800	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	7600	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	8500	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	9500	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0
	10000	80.0	90.7	92.4	91.1	89.6	91.7	92.4	92.4	94.0	94.0	92.8	91.7	82.3	78.3	74.0

OAPL 151.6

FREQ.	DIRECTIVITY INDEX															
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0
50	-2.0	-2.2	-2.4	-2.7	-3.0	-3.5	-4.0	-4.5	-5.0	-5.2	-5.6	-6.0	-6.4	-6.8	-7.2	-7.6
63	-3.0	-3.2	-3.4	-3.7	-4.0	-4.5	-5.0	-5.5	-6.0	-6.2	-6.6	-7.0	-7.4	-7.8	-8.2	-8.6
80	-4.0	-4.2	-4.4	-4.7	-5.0	-5.5	-6.0	-6.5	-7.0	-7.2	-7.6	-8.0	-8.4	-8.8	-9.2	-9.6
108	-5.0	-5.2	-5.4	-5.7	-6.0	-6.5	-7.0	-7.5	-8.0	-8.2	-8.6	-9.0	-9.4	-9.8	-10.2	-10.6
127	-6.0	-6.2	-6.4	-6.7	-7.0	-7.5	-8.0	-8.5	-9.0	-9.2	-9.6	-10.0	-10.4	-10.8	-11.2	-11.6
160	-7.0	-7.2	-7.4	-7.7	-8.0	-8.5	-9.0	-9.5	-10.0	-10.2	-10.6	-11.0	-11.4	-11.8	-12.2	-12.6
200	-8.0	-8.2	-8.4	-8.7	-9.0	-9.5	-10.0	-10.5	-11.0	-11.2	-11.6	-12.0	-12.4	-12.8	-13.2	-13.6
230	-9.0	-9.2	-9.4	-9.7	-10.0	-10.5	-11.0	-11.5	-12.0	-12.2	-12.6	-13.0	-13.4	-13.8	-14.2	-14.6
315	-10.0	-10.2	-10.4	-10.7	-11.0	-11.5	-12.0	-12.5	-13.0	-13.2	-13.6	-14.0	-14.4	-14.8	-15.2	-15.6
400	-11.0	-11.2	-11.4	-11.7	-12.0	-12.5	-13.0	-13.5	-14.0	-14.2	-14.6	-15.0	-15.4	-15.8	-16.2	-16.6
450	-12.0	-12.2	-12.4	-12.7	-13.0	-13.5	-14.0	-14.5	-15.0	-15.2	-15.6	-16.0	-16.4	-16.8	-17.2	-17.6
500	-13.0	-13.2	-13.4	-13.7	-14.0	-14.5	-15.0	-15.5	-16.0	-16.2	-16.6	-17.0	-17.4	-17.8	-18.2	-18.6
550	-14.0	-14.2	-14.4	-14.7	-15.0	-15.5	-16.0	-16.5	-17.0	-17.2	-17.6	-18.0	-18.4	-18.8	-19.2	-19.6
600	-15.0	-15.2	-15.4	-15.7	-16.0	-16.5	-17.0	-17.5	-18.0	-18.2	-18.6	-19.0	-19.4	-19.8	-20.2	-20.6
650	-16.0	-16.2	-16.4	-16.7	-17.0	-17.5	-18.0	-18.5	-19.0	-19.2	-19.6	-20.0	-20.4	-20.8	-21.2	-21.6
700	-17.0	-17.2	-17.4	-17.7	-18.0	-18.5	-19.0	-19.5	-20.0	-20.2	-20.6	-21.0	-21.4	-21.8	-22.2	-22.6
750	-18.0	-18.2	-18.4	-18.7	-19.0	-19.5	-20.0	-20.5	-21.0	-21.2	-21.6	-22.0	-22.4	-22.8	-23.2	-23.6
800	-19.0	-19.2	-19.4	-19.7	-20.0	-20.5	-21.0	-21.5	-22.0	-22.2	-22.6	-23.0	-23.4	-23.8	-24.2	-24.6
850	-20.0	-20.2	-20.4	-20.7	-21.0	-21.5	-22.0	-22.5	-23.0	-23.2	-23.6	-24.0	-24.4	-24.8	-25.2	-25.6
900	-21.0	-21.2	-21.4	-21.7	-22.0	-22.5	-23.0	-23.5	-24.0	-24.2	-24.6	-25.0	-25.4	-25.8	-26.2	-26.6
950	-22.0	-22.2	-22.4	-22.7	-23.0	-23.5	-24.0	-24.5	-25.0	-25.2	-25.6	-26.0	-26.4	-26.8	-27.2	-27.6
1000	-23.0	-23.2	-23.4	-23.7	-24.0	-24.5	-25.0	-25.5	-26.0	-26.2	-26.6	-27.0	-27.4	-27.8	-28.2	-28.6
1050	-24.0	-24.2	-24.4	-24.7	-25.0	-25.5	-26.0	-26.5	-27.0	-27.2	-27.6	-28.0	-28.4	-28.8	-29.2	-29.6
1100	-25.0	-25.2	-25.4	-25.7	-26.0	-26.5	-27.0	-27.5	-28.0	-28.2	-28.6	-29.0	-29.4	-29.8	-30.2	-30.6
1150	-26.0	-26.2	-26.4	-26.7	-27.0	-27.5	-28.0	-28.5	-29.0	-29.2	-29.6	-30.0	-30.4	-30.8	-31.2	-31.6
1200	-27.0	-27.2	-27.4	-27.7	-28.0	-28.5	-29.0	-29.5	-30.0	-30.2	-30.6	-31.0	-31.4	-31.8	-32.2	-32.6
1250	-28.0	-28.2	-28.4	-28.7	-29.0	-29.5	-30.0	-30.5	-31.0	-31.2	-31.6	-32.0	-32.4	-32.8	-33.2	-33.6
1300	-29.0	-29.2	-29.4	-29.7	-30.0	-30.5	-31.0	-31.5	-32.0	-32.2	-32.6	-33.0	-33.4	-33.8	-34.2	-34.6
1350	-30.0	-30.2	-30.4	-30.7	-31.0	-31.5	-32.0	-32.5	-33.0	-33.2	-33.6	-34.0	-34.4	-34.8	-35.2	-35.6
1400	-31.0	-31.2	-31.4	-31.7	-32.0	-32.5	-33.0	-33.5	-34.0	-34.2	-34.6	-35.0	-35.4	-35.8	-36.2	-36.6
1450	-32.0	-32.2	-32.4	-32.7	-33.0	-33.5	-34.0	-34.5	-35.0	-35.2	-35.6	-36.0	-36.4	-36.8	-37.2	-37.6
1500	-33.0	-33.2	-33.4	-33.7	-34.0	-34.5	-35.0	-35.5	-36.0	-36.2	-36.6	-37.0	-37.4	-37.8	-38.2	-38.6
1550	-34.0	-34.2	-34.4	-34.7	-35.0	-35.5	-36.0	-36.5	-37.0	-37.2	-37.6	-38.0	-38.4	-38.8	-39.2	-39.6
1600	-35.0	-35.2	-35.4	-35.7	-36.0	-36.5	-37.0	-37.5	-38.0	-38.2	-38.6	-39.0	-39.4	-39.8	-40.2	-40.6
1650	-36.0	-36.2	-36.4	-36.7	-37.0	-37.5	-38.0	-38.5	-39.0	-39.2	-39.6	-40.0	-40.4	-40.8	-41.2	-41.6
1700	-37.0	-37.2	-37.4	-37.7	-38.0	-38.5	-39.0	-39.5	-40.0	-40.2	-40.6	-41.0	-41.4	-41.8	-42.2	-42.6
1750	-38.0	-38.2	-38.4	-38.7	-39.0	-39.5	-40.0	-40.5	-41.0	-41.2	-41.6	-42.0	-42.4	-42.8	-43.2	-43.6
1800	-39.0	-39.2	-39.4	-39.7	-40.0	-40.5	-41.0	-41.5	-42.0	-42.2	-42.6	-43.0	-43.4	-43.8	-44.2	-44.6
1850	-40.0	-40.2	-40.4	-40.7	-41.0	-41.5	-42.0	-42.5	-43.0	-43.2	-43.6	-44.0	-44.4	-44.8	-45.2	-45.6
1900	-41.0	-41.2	-41.4	-41.7	-42.0	-42.5	-43.0	-43.5	-44.0	-44.2	-44.6	-45.0	-45.4	-45.8	-46.2	-46.6
1950	-42.0	-42.2	-42.4	-42.7	-43.0	-43.5	-44.0	-44.5	-45.0	-45.2	-45.6	-46.0	-46.4	-46.8	-47.2	-47.6
2000	-43.0	-43.2	-43.4	-43.7	-44.0	-44.5	-45.0	-45.5	-46.0	-46.2	-46.6	-47.0	-47.4	-47.8	-48.2	-48.6
2050	-44.0	-44.2	-44.4	-44.7	-45.0	-45.5	-46.0	-46.5	-47.0	-47.2	-47.6	-48.0	-48.4	-48.8	-49.2	-49.6
2100	-45.0	-45.2	-45.4	-45.7	-46.0	-46.5	-47.0	-47.5	-48.0	-48.2	-48.6	-49.0	-49.4	-49.8	-50.2	-50.6
2150	-46.0	-46.2	-46.4	-46.7	-47.0	-47.5	-48.0	-48.5	-49.0	-49.2	-49.6	-50.0	-50.4	-50.8	-51.2	-51.6
2200	-47.0	-47.2	-47.4	-47.7	-48.0	-48.5	-49.0	-49.5	-50.0	-50.2	-50.6	-51.0	-51.4	-51.8	-52.2	-52.6
2250	-48.0	-48.2	-48.4	-48.7	-49.0	-49.5	-50.0	-50.5	-51.0	-51.2	-51.6	-52.0	-52.4	-52.8	-53.2	-53.6
2300	-49.0	-49.2	-49.4	-49.7	-50.0	-50.5	-51.0	-51.5	-52.0	-52.2	-52.6	-53.0	-53.4	-53.8	-54.2	-54.6
2350	-50.0	-50.2	-50.4	-50.7	-51.0	-51.5	-52.0	-52.5	-53.0	-53.2	-53.6	-54.0	-54.4	-54.8	-55.2	-55.6
2400	-51.0	-51.2	-51.4	-51.7	-52.0	-52.5	-53.0	-53.5	-54.0	-54.2	-54.6	-55.0	-55.4	-55.8	-56.2	-56.6
2450	-52.0	-52.2	-52.4	-52.7	-53.0	-53.5	-54.0	-54.5	-55.0	-55.2	-55.6	-56.0	-56.4	-56.8	-57.2	-57.6
2500	-53.0	-53.2	-53.4	-53.7	-54.0	-54.5	-55.0	-55.5	-56.0	-56.2	-56.6	-57.0	-57.4	-57.8	-58.2	-58.6
2550	-54.0	-54.2	-54.4	-54.7	-55.0	-55.5	-56.0	-56.5	-57.0	-57.2	-57.6	-58.0	-58.4	-58.8	-59.2	-59.6
2600	-55.0	-55.2	-55.4	-55.7	-56.0	-56.5	-57.0	-57.5	-58.0	-58.2	-58.6	-59.0	-59.4	-59.8	-60.2	-60.6
2650	-56.0	-56.2	-56.4	-56.7	-57.0	-57.5	-58.0	-58.5	-59.0	-59.2	-59.6	-60.0	-60.4	-60.8	-61.2	-61.6
2700	-57.0	-57.2	-57.4	-57.7	-58.0	-58.5	-59.0	-59.5	-60.0	-60.2	-60.6	-61.0	-61.4	-61.8	-62.2	-62.6
2750	-58.0	-58.2	-58.4	-58.7	-59.0	-59.5	-60.0	-60.5	-61.0	-61.2	-61.6	-62.0	-62.4	-62.8	-63.2	-63.6
2800	-59.0	-59.2	-59.4	-59.7	-60.0	-60.5	-61.0	-61.5	-62.0	-62.2	-62.6	-63.0	-63.4	-63.8	-64.2	-64.6
2850	-60.0	-60.2	-60.4	-60.7	-61.0	-61.5	-62.0	-62.5	-63.0	-63.2	-63.6	-64.0	-64.4	-64.8	-65.2	-65.6
2900	-61.0	-61.2	-61.4	-61.7	-62.0	-62.5	-63.0	-63.5	-64.0	-64.2	-64.6	-65.0	-65.4	-65.8	-66.2	-66.6
2950	-62.0	-62.2	-62.4	-62.7	-63.0	-63.5	-64.0	-64.5	-65.0	-65.2	-65.6	-66.0	-66.4	-66.8	-67.2	-67.6
3000	-63.0	-63.2	-63.4	-63.7	-64.0	-64.5	-65.0	-65.5	-66.0	-66.2	-66.6	-67.0	-67.4	-67.8	-68.2	-68.6
3050	-64.0	-64.2	-64.4	-64.7	-65.0	-65.5	-66.0	-66.5	-67.0	-67.2	-67.6	-68.0	-68.4	-68.8	-69.2	-69.6
3100	-65.0	-65.2	-65.4	-65.7	-66.0	-66.5	-67.0	-67.5	-68.0	-68.2	-68.6	-69.0	-69.4	-69.8	-70.2	-70.6
3150	-66.0	-66.2	-66.4	-66.7	-67.0	-67.5	-68.0	-68.5	-69.0	-69.2	-69.6	-70.0	-70.4	-70.8	-71.2	-71.6
3200	-67.0	-67.2	-67.4	-67.7	-68.0	-68.5	-69.0	-69.5	-70.0	-70.2	-70.6	-71.0	-71.4	-71.8	-72.2	-72.6
3250	-68.0	-68.2	-68.4	-68.7	-69.0	-69.5	-70.0	-70.5	-71.0	-71.2	-71.6	-72.0	-72.4	-72.8	-73.2	-73.6
3300	-69.0	-69.2	-69.4	-69.7	-70.0	-70.5	-71.0	-71.5	-72.0	-72.2	-72.6	-73.0	-73.4	-73.8	-74.2	-74.6
3350	-70.0	-70.2	-70.4	-70.7	-71.0	-71.5	-72.0	-72.5	-73.0	-73.2	-73.6	-74.0	-74.4	-74.8	-75.2	-75.6
3400	-71.0	-71.2	-71.4	-71.7	-72.0	-72.5	-73.0	-73.5	-74.0	-74.2	-74.6	-75.0	-75.4	-75.8	-76.2	-76.6
3450	-72.0	-72.2	-72.4	-72.7	-73.0	-73.5	-74.0	-74.5	-75.0	-75.2	-75.6	-76.0	-76.4	-76.8	-77.2	-77.6
3500	-73.0	-73.2	-73.4	-73.7	-74.0	-74.5	-75.0	-75.5	-76.0	-76.2	-76.6	-77.0	-77.4	-77.8	-78.2	-78.6
3550	-74.0	-74.2	-74.4	-74.7	-75.0	-75.5	-76.0	-76.5	-77.0	-77.2	-77.6	-78.0	-78.4	-78.8	-79.2	-79.6
3600	-75.0	-75.2	-75.4	-75.7	-76.0	-76.5	-77.0	-77.5	-78.0	-78.2	-78.6	-79.0	-79.4	-79.8	-80.2	-80.6
3650	-76.0	-76.2	-76.4	-76.7	-77.0	-77.5	-78.0	-78.5	-79.0	-79.2	-79.6	-80.0	-80.4	-80.8	-81.2	-81.6
3700	-77.0	-77.2	-77.4	-77.7	-78.0	-78.5	-79.0	-79.5	-80.0	-80.2	-80.6	-81.0	-81.4	-81.8	-82.2	-82.6
3750	-78.0	-78.2	-78.4	-78.7	-79.0	-79.5	-80.0	-80.5	-81.0	-81.2	-81.6	-82.0	-82.4	-82.8	-83.2	-83.6
3800	-79.0	-79.2	-79.4	-79.7	-80.0	-80.5	-81.0	-81.5	-82.0	-82.2	-82.6	-83.0	-83.4	-83.8	-84.2	-84.6
3850	-80.0	-80.2	-80.4	-80.7	-81.0	-81.5	-82									

RADIAL		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PML				
VEHICLE		ANGLES FROM INLET														
CONFIG																
LDC PPG																
DATE 12/11/68																
RUN 443																
TAMP																
TACT																
WACT																
SPEED																
CRPH																
TAP																
FREQ.		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
250.0	50	74.4	74.5	74.0	73.9	73.9	74.0	74.6	75.6	76.7	77.5	78.0	80.0	82.8	87.0	90.1
300	63	72.3	72.5	72.0	72.4	72.5	72.6	73.2	74.1	75.1	75.9	76.4	78.0	80.8	84.6	87.4
350	80	71.0	71.0	70.5	70.5	70.5	70.5	71.0	71.9	72.8	73.6	74.1	75.6	78.0	80.8	83.6
400	100	71.2	71.2	70.7	70.7	70.7	70.7	71.2	72.1	73.0	73.8	74.3	75.8	78.0	80.8	83.6
450	125	70.1	70.1	69.6	69.6	69.6	69.6	70.1	71.0	71.9	72.7	73.2	74.7	76.9	79.7	82.5
500	150	68.2	68.2	67.7	67.7	67.7	67.7	68.2	69.1	69.9	70.7	71.2	72.7	74.9	77.7	80.5
550	200	66.2	66.2	65.7	65.7	65.7	65.7	66.2	67.1	67.9	68.7	69.2	70.7	72.9	75.7	78.5
600	250	64.2	64.2	63.7	63.7	63.7	63.7	64.2	65.1	65.9	66.7	67.2	68.7	70.9	73.7	76.5
650	315	62.3	62.3	61.8	61.8	61.8	61.8	62.3	63.2	64.0	64.8	65.3	66.8	69.0	71.8	74.6
700	400	60.3	60.3	59.8	59.8	59.8	59.8	60.3	61.2	62.0	62.8	63.3	64.8	67.0	69.8	72.6
750	500	58.3	58.3	57.8	57.8	57.8	57.8	58.3	59.2	60.0	60.8	61.3	62.8	65.0	67.8	70.6
800	630	56.3	56.3	55.8	55.8	55.8	55.8	56.3	57.2	58.0	58.8	59.3	60.8	63.0	65.8	68.6
850	800	54.3	54.3	53.8	53.8	53.8	53.8	54.3	55.2	56.0	56.8	57.3	58.8	61.0	63.8	66.6
900	1000	52.3	52.3	51.8	51.8	51.8	51.8	52.3	53.2	54.0	54.8	55.3	56.8	59.0	61.8	64.6
950	1250	50.3	50.3	49.8	49.8	49.8	49.8	50.3	51.2	52.0	52.8	53.3	54.8	57.0	59.8	62.6
1000	1500	48.3	48.3	47.8	47.8	47.8	47.8	48.3	49.2	50.0	50.8	51.3	52.8	55.0	57.8	60.6
1050	1800	46.3	46.3	45.8	45.8	45.8	45.8	46.3	47.2	48.0	48.8	49.3	50.8	53.0	55.8	58.6
1100	2000	44.3	44.3	43.8	43.8	43.8	43.8	44.3	45.2	46.0	46.8	47.3	48.8	51.0	53.8	56.6
1150	2500	42.3	42.3	41.8	41.8	41.8	41.8	42.3	43.2	44.0	44.8	45.3	46.8	49.0	51.8	54.6
1200	3150	40.3	40.3	39.8	39.8	39.8	39.8	40.3	41.2	42.0	42.8	43.3	44.8	47.0	49.8	52.6
1250	4000	38.3	38.3	37.8	37.8	37.8	37.8	38.3	39.2	40.0	40.8	41.3	42.8	45.0	47.8	50.6
1300	5000	36.3	36.3	35.8	35.8	35.8	35.8	36.3	37.2	38.0	38.8	39.3	40.8	43.0	45.8	48.6
1350	6300	34.3	34.3	33.8	33.8	33.8	33.8	34.3	35.2	36.0	36.8	37.3	38.8	41.0	43.8	46.6
1400	8000	32.3	32.3	31.8	31.8	31.8	31.8	32.3	33.2	34.0	34.8	35.3	36.8	39.0	41.8	44.6
1450	10000	30.3	30.3	29.8	29.8	29.8	29.8	30.3	31.2	32.0	32.8	33.3	34.8	37.0	39.8	42.6

FREQ.		DIRECTIVITY INDEX										OAPL 157.7
250	50	-5.0	-5.0	-5.1	-5.1	-5.3	-5.4	-5.5	-5.5	-5.7	-5.7	0.0
300	63	-5.1	-5.1	-5.2	-5.2	-5.4	-5.4	-5.5	-5.5	-5.7	-5.7	0.0
350	80	-5.2	-5.2	-5.3	-5.3	-5.5	-5.5	-5.6	-5.6	-5.8	-5.8	0.0
400	100	-5.3	-5.3	-5.4	-5.4	-5.6	-5.6	-5.7	-5.7	-5.9	-5.9	0.0
450	125	-5.4	-5.4	-5.5	-5.5	-5.7	-5.7	-5.8	-5.8	-6.0	-6.0	0.0
500	150	-5.5	-5.5	-5.6	-5.6	-5.8	-5.8	-5.9	-5.9	-6.1	-6.1	0.0
550	180	-5.6	-5.6	-5.7	-5.7	-5.9	-5.9	-6.0	-6.0	-6.2	-6.2	0.0
600	200	-5.7	-5.7	-5.8	-5.8	-6.0	-6.0	-6.1	-6.1	-6.3	-6.3	0.0
650	250	-5.8	-5.8	-5.9	-5.9	-6.1	-6.1	-6.2	-6.2	-6.4	-6.4	0.0
700	315	-5.9	-5.9	-6.0	-6.0	-6.2	-6.2	-6.3	-6.3	-6.5	-6.5	0.0
750	400	-6.0	-6.0	-6.1	-6.1	-6.3	-6.3	-6.4	-6.4	-6.6	-6.6	0.0
800	500	-6.1	-6.1	-6.2	-6.2	-6.4	-6.4	-6.5	-6.5	-6.7	-6.7	0.0
850	630	-6.2	-6.2	-6.3	-6.3	-6.5	-6.5	-6.6	-6.6	-6.8	-6.8	0.0
900	800	-6.3	-6.3	-6.4	-6.4	-6.6	-6.6	-6.7	-6.7	-6.9	-6.9	0.0
950	1000	-6.4	-6.4	-6.5	-6.5	-6.7	-6.7	-6.8	-6.8	-7.0	-7.0	0.0
1000	1250	-6.5	-6.5	-6.6	-6.6	-6.8	-6.8	-6.9	-6.9	-7.1	-7.1	0.0
1050	1500	-6.6	-6.6	-6.7	-6.7	-6.9	-6.9	-7.0	-7.0	-7.2	-7.2	0.0
1100	1800	-6.7	-6.7	-6.8	-6.8	-7.0	-7.0	-7.1	-7.1	-7.3	-7.3	0.0
1150	2000	-6.8	-6.8	-6.9	-6.9	-7.1	-7.1	-7.2	-7.2	-7.4	-7.4	0.0
1200	2500	-6.9	-6.9	-7.0	-7.0	-7.2	-7.2	-7.3	-7.3	-7.5	-7.5	0.0
1250	3150	-7.0	-7.0	-7.1	-7.1	-7.3	-7.3	-7.4	-7.4	-7.6	-7.6	0.0
1300	4000	-7.1	-7.1	-7.2	-7.2	-7.4	-7.4	-7.5	-7.5	-7.7	-7.7	0.0
1350	5000	-7.2	-7.2	-7.3	-7.3	-7.5	-7.5	-7.6	-7.6	-7.8	-7.8	0.0
1400	6300	-7.3	-7.3	-7.4	-7.4	-7.6	-7.6	-7.7	-7.7	-7.9	-7.9	0.0
1450	8000	-7.4	-7.4	-7.5	-7.5	-7.7	-7.7	-7.8	-7.8	-8.0	-8.0	0.0
1500	10000	-7.5	-7.5	-7.6	-7.6	-7.8	-7.8	-7.9	-7.9	-8.1	-8.1	0.0

FREQ.

RADIAL
VEHICLE 259.0
CONFIG 50
LOC PPG 80
DATE 12/11/68
RUN 480
BAR 100
TARE 29.1
TIME 41.0
TWEI 34.0
MAGT 3.2976V
SPEED 05800
CRPM 5089.1
TAPE 18027.

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY
ANGLES FROM INLET

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	150.0	180.0	PML
50	67.5	66.6	66.1	66.0	64.5	64.2	63.9	63.4	63.1	62.8	62.5	62.2	61.8	61.5	126.7
63	63.6	62.9	62.5	62.1	60.8	60.5	60.2	59.9	59.7	59.4	59.2	58.9	58.5	58.3	126.4
80	63.5	62.5	62.1	61.7	60.4	60.1	59.8	59.5	59.3	59.0	58.7	58.4	58.0	57.8	125.5
100	62.4	61.9	61.5	61.1	59.8	59.5	59.2	58.9	58.7	58.4	58.1	57.8	57.4	57.2	124.7
125	61.9	61.4	61.0	60.6	59.3	59.0	58.7	58.4	58.2	57.9	57.6	57.3	56.9	56.7	124.0
150	61.4	60.9	60.5	60.1	58.8	58.5	58.2	57.9	57.7	57.4	57.1	56.8	56.4	56.2	123.8
200	60.8	60.3	60.0	59.6	58.3	58.0	57.7	57.4	57.2	56.9	56.6	56.3	55.9	55.7	119.2
250	59.2	58.7	58.4	58.0	56.7	56.4	56.1	55.8	55.6	55.3	55.0	54.7	54.3	54.1	119.5
315	58.6	58.1	57.8	57.4	56.1	55.8	55.5	55.2	55.0	54.7	54.4	54.1	53.7	53.5	122.0
400	57.9	57.4	57.1	56.7	55.4	55.1	54.8	54.5	54.3	54.0	53.7	53.4	53.0	52.8	123.6
500	57.3	56.8	56.5	56.1	54.8	54.5	54.2	53.9	53.7	53.4	53.1	52.8	52.4	52.2	123.0
630	56.8	56.3	56.0	55.6	54.3	54.0	53.7	53.4	53.2	52.9	52.6	52.3	51.9	51.7	124.0
800	56.2	55.7	55.4	55.0	53.7	53.4	53.1	52.8	52.6	52.3	52.0	51.7	51.3	51.1	127.0
1000	55.7	55.2	54.9	54.5	53.2	52.9	52.6	52.3	52.1	51.8	51.5	51.2	50.8	50.6	120.7
1250	55.2	54.7	54.4	54.0	52.7	52.4	52.1	51.8	51.6	51.3	51.0	50.7	50.3	50.1	130.7
1500	54.7	54.2	53.9	53.5	52.2	51.9	51.6	51.3	51.1	50.8	50.5	50.2	49.8	49.6	131.5
2000	54.2	53.7	53.4	53.0	51.7	51.4	51.1	50.8	50.6	50.3	50.0	49.7	49.3	49.1	131.2
2500	53.7	53.2	52.9	52.5	51.2	50.9	50.6	50.3	50.1	49.8	49.5	49.2	48.8	48.6	134.4
3150	53.2	52.7	52.4	52.0	50.7	50.4	50.1	49.8	49.6	49.3	49.0	48.7	48.3	48.1	135.0
4000	52.7	52.2	51.9	51.5	50.2	49.9	49.6	49.3	49.1	48.8	48.5	48.2	47.8	47.6	134.0
5000	52.2	51.7	51.4	51.0	49.7	49.4	49.1	48.8	48.6	48.3	48.0	47.7	47.3	47.1	137.9
6300	51.7	51.2	50.9	50.5	49.2	48.9	48.6	48.3	48.1	47.8	47.5	47.2	46.8	46.6	
8000	51.2	50.7	50.4	50.0	48.7	48.4	48.1	47.8	47.6	47.3	47.0	46.7	46.3	46.1	
10000	50.7	50.2	49.9	49.5	48.2	47.9	47.6	47.3	47.1	46.8	46.5	46.2	45.8	45.6	
PMS	93.1	90.8	100.3	90.3	90.7	97.4	97.0	97.0	97.3	99.0	100.4	97.0	95.0	94.6	

OASPL MEASURED
OASPL CALCULATED

OASPL 144.9

DIRECTIVITY INDEX

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	150.0	180.0	PML
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	144.9
63	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
80	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
125	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
150	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
250	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
315	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
630	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1250	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
2500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
3150	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
6300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
10000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

RADIAL 250.0
VEHICLE 354
CONFIS RUN 26
LOC PPC
DATE 12/11/68
RUN 440.
BAR 29.2
TAMB 41.0
TWEY 34.0
MAGT 3.1-1.83
SPEED 68300
CRPH 8447.9
TAPE 78027.

FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	
50	76.9	76.9	75.3	74.9	73.8	70.2	70.3	70.5	77.6	79.8	70.9
63	71.7	73.8	73.8	76.1	75.1	75.4	75.8	77.7	77.6	79.5	80.6
80	72.0	73.9	73.8	75.0	75.1	76.1	77.6	77.9	76.1	79.5	81.2
100	72.7	74.5	73.7	74.4	75.6	76.7	77.8	78.9	79.4	80.6	81.6
125	73.9	76.8	75.3	74.3	76.3	76.5	77.6	78.6	81.6	83.6	84.9
160	72.3	75.3	73.3	73.1	74.7	76.4	77.4	78.4	81.6	83.6	84.9
200	71.5	73.4	71.5	71.6	73.0	74.3	75.3	76.5	79.5	81.6	83.6
250	69.8	69.5	69.5	69.5	71.6	73.0	74.3	75.3	78.4	81.6	83.6
315	67.8	69.9	71.9	72.7	71.4	72.8	74.3	75.3	78.4	81.6	83.6
400	72.6	74.6	75.4	77.1	76.4	78.0	79.5	81.6	84.9	87.4	89.5
500	74.1	76.7	78.1	80.4	79.1	82.4	81.9	84.9	87.4	89.5	91.7
630	77.6	81.8	84.2	88.9	88.9	91.7	90.3	93.4	97.3	97.3	97.3
800	76.1	81.8	84.2	88.9	88.9	91.7	90.3	93.4	97.3	97.3	97.3
1000	74.9	81.8	84.2	88.9	88.9	91.7	90.3	93.4	97.3	97.3	97.3
1250	79.0	83.7	87.3	91.1	93.5	95.9	97.6	99.4	101.6	103.8	105.9
1600	77.8	83.7	87.3	91.1	93.5	95.9	97.6	99.4	101.6	103.8	105.9
2000	76.8	83.7	87.3	91.1	93.5	95.9	97.6	99.4	101.6	103.8	105.9
2500	72.3	78.9	83.3	87.9	90.1	93.7	95.9	98.4	101.6	103.8	105.9
3150	70.4	75.1	80.0	84.6	88.7	91.9	95.1	98.4	101.6	103.8	105.9
4000	73.4	79.9	83.3	88.2	92.2	95.4	98.7	102.0	105.3	108.6	111.9
5000	76.8	83.1	89.2	94.7	99.4	103.8	108.6	113.4	118.2	123.0	127.8
6300	70.8	77.5	83.3	89.4	95.1	100.8	106.5	112.2	117.9	123.6	129.3
8000	70.8	77.5	83.3	89.4	95.1	100.8	106.5	112.2	117.9	123.6	129.3
10000	71.0	75.8	80.6	85.4	90.2	95.0	99.8	104.6	109.4	114.2	119.0
12500	71.0	75.8	80.6	85.4	90.2	95.0	99.8	104.6	109.4	114.2	119.0
15000	71.0	75.8	80.6	85.4	90.2	95.0	99.8	104.6	109.4	114.2	119.0
17500	71.0	75.8	80.6	85.4	90.2	95.0	99.8	104.6	109.4	114.2	119.0
20000	71.0	75.8	80.6	85.4	90.2	95.0	99.8	104.6	109.4	114.2	119.0

OASPL MEASURED 88.3
OASPL CALCULATED 88.3

0.3 PHL 150.0

DIRECTIVITY INDEX

FREQ.	DIRECTIVITY INDEX										PHL
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	
50	-7.0	-4.1	-7.7	-6.1	-8.0	-6.9	-6.5	-6.5	-5.4	-4.0	-3.1
63	-11.4	-9.3	-9.2	-7.1	-8.2	-7.7	-7.3	-6.5	-5.2	-3.7	-2.5
80	-10.8	-8.2	-9.0	-6.2	-7.6	-6.6	-5.8	-5.0	-3.7	-2.2	-1.0
100	-9.3	-6.2	-6.7	-3.9	-5.9	-5.0	-4.2	-3.4	-2.2	-0.8	0.4
125	-8.1	-5.1	-6.7	-2.3	-4.7	-4.0	-3.2	-2.4	-1.4	0.2	1.4
160	-4.7	-2.9	-4.1	-1.1	-3.7	-3.3	-2.7	-2.1	-1.2	-0.2	1.0
200	-4.7	-2.9	-4.1	-1.1	-3.7	-3.3	-2.7	-2.1	-1.2	-0.2	1.0
250	-2.7	-3.5	-3.0	-1.9	-4.3	-3.7	-3.1	-2.5	-1.6	-0.6	0.6
315	-2.9	-3.5	-3.0	-1.9	-4.3	-3.7	-3.1	-2.5	-1.6	-0.6	0.6
400	-5.5	-3.2	-2.6	-1.0	-3.7	-3.1	-2.5	-1.9	-1.0	-0.1	0.9
500	-7.1	-4.5	-3.1	-0.8	-2.2	-1.2	-0.7	-0.1	0.4	1.1	1.9
630	-11.3	-6.5	-3.2	1.0	2.5	3.4	4.2	5.0	5.8	6.6	7.4
800	-7.9	-4.0	-3.2	2.5	3.7	4.6	5.4	6.2	7.0	7.8	8.6
1000	-8.6	-5.4	-3.4	4.3	5.6	6.4	7.2	8.0	8.8	9.6	10.4
1250	-12.2	-7.5	-4.2	4.3	5.6	6.4	7.2	8.0	8.8	9.6	10.4
1600	-10.7	-4.3	-3.5	2.1	4.3	5.1	5.9	6.7	7.5	8.3	9.1
2000	-9.5	-3.5	-3.2	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
2500	-8.0	-3.2	-2.1	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
3150	-7.2	-2.7	-2.2	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
4000	-7.2	-2.7	-2.2	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
5000	-10.5	-3.1	-2.2	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
6300	-10.5	-3.1	-2.2	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
8000	-10.2	-3.0	-2.4	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6
10000	-10.4	-3.0	-2.4	1.6	3.7	4.6	5.4	6.2	7.0	7.8	8.6

RADIAL VEHICLE CONFIG LOC PPG DATE RUN BAR TANK TIME MAGT SPEED CRPH TAP	FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL				
		ANGLES FROM INLET														
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
250.0	50	76.1	76.0	76.0	75.8	75.2	74.9	77.2	76.6	79.5	80.6	80.8	83.1	86.8	92.4	94.8
300.0	63	72.8	72.6	73.9	75.0	75.0	76.3	77.2	78.4	79.1	80.6	81.4	83.8	87.3	92.3	95.2
350.0	80	72.8	74.0	74.0	75.0	75.0	76.4	77.0	78.0	79.3	80.6	81.4	84.1	88.2	93.2	96.2
400.0	100	73.0	74.2	74.2	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
450.0	125	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
500.0	150	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
550.0	175	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
600.0	200	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
650.0	225	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
700.0	250	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
750.0	275	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
800.0	300	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
850.0	325	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
900.0	350	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
950.0	375	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1000.0	400	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1050.0	425	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1100.0	450	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1150.0	475	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1200.0	500	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1250.0	525	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1300.0	550	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1350.0	575	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1400.0	600	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1450.0	625	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1500.0	650	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1550.0	675	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1600.0	700	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1650.0	725	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1700.0	750	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1750.0	775	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1800.0	800	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1850.0	825	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1900.0	850	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
1950.0	875	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2000.0	900	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2050.0	925	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2100.0	950	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2150.0	975	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2200.0	1000	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2250.0	1025	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2300.0	1050	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2350.0	1075	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2400.0	1100	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2450.0	1125	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2500.0	1150	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2550.0	1175	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2600.0	1200	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2650.0	1225	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2700.0	1250	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2750.0	1275	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2800.0	1300	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2850.0	1325	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2900.0	1350	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
2950.0	1375	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3000.0	1400	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3050.0	1425	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3100.0	1450	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3150.0	1475	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3200.0	1500	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3250.0	1525	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3300.0	1550	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3350.0	1575	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3400.0	1600	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3450.0	1625	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3500.0	1650	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3550.0	1675	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3600.0	1700	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3650.0	1725	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3700.0	1750	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3750.0	1775	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3800.0	1800	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3850.0	1825	73.2	74.5	74.5	75.1	75.1	76.1	77.0	78.0	79.5	80.6	81.4	84.1	88.2	93.2	96.2
3900.0	1850	73.2	74.5													

PAGE 1 SCALE MODEL RUN 26 T/D 12/11/68

PROC. DATE - MONTH 12 DAY 14 HR. 13.0

RADIAL		FREQ.		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY		PWL	
VEHICLE	250.0	50	20.0	30.0	40.0	50.0	60.0
CONFID	50	67.3	66.8	66.1	65.0	64.3	63.3
LOC	PPG	63.0	61.9	61.5	60.9	60.4	59.9
DATE	12/11/68	80	63.5	63.0	62.5	62.0	61.5
RUN	448	100	62.5	61.9	61.5	61.0	60.5
BAR	29.1	125	61.9	61.5	61.0	60.5	60.0
TANK	41.8	150	61.5	61.0	60.5	60.0	59.5
TWEI	34.0	200	61.0	60.5	60.0	59.5	59.0
MAG1	3.19769	250	60.5	60.0	59.5	59.0	58.5
SPEED	05808	315	60.0	59.5	59.0	58.5	58.0
CRPM	5089.1	400	59.5	59.0	58.5	58.0	57.5
TAPE	78027	500	59.0	58.5	58.0	57.5	57.0
		630	58.5	58.0	57.5	57.0	56.5
		800	58.0	57.5	57.0	56.5	56.0
		1000	57.5	57.0	56.5	56.0	55.5
		1250	57.0	56.5	56.0	55.5	55.0
		1500	56.5	56.0	55.5	55.0	54.5
		1750	56.0	55.5	55.0	54.5	54.0
		2000	55.5	55.0	54.5	54.0	53.5
		2250	55.0	54.5	54.0	53.5	53.0
		2500	54.5	54.0	53.5	53.0	52.5
		2750	54.0	53.5	53.0	52.5	52.0
		3000	53.5	53.0	52.5	52.0	51.5
		3250	53.0	52.5	52.0	51.5	51.0
		3500	52.5	52.0	51.5	51.0	50.5
		3750	52.0	51.5	51.0	50.5	50.0
		4000	51.5	51.0	50.5	50.0	49.5
		4250	51.0	50.5	50.0	49.5	49.0
		4500	50.5	50.0	49.5	49.0	48.5
		4750	50.0	49.5	49.0	48.5	48.0
		5000	49.5	49.0	48.5	48.0	47.5
		5250	49.0	48.5	48.0	47.5	47.0
		5500	48.5	48.0	47.5	47.0	46.5
		5750	48.0	47.5	47.0	46.5	46.0
		6000	47.5	47.0	46.5	46.0	45.5
		6250	47.0	46.5	46.0	45.5	45.0
		6500	46.5	46.0	45.5	45.0	44.5
		6750	46.0	45.5	45.0	44.5	44.0
		7000	45.5	45.0	44.5	44.0	43.5
		7250	45.0	44.5	44.0	43.5	43.0
		7500	44.5	44.0	43.5	43.0	42.5
		7750	44.0	43.5	43.0	42.5	42.0
		8000	43.5	43.0	42.5	42.0	41.5
		8250	43.0	42.5	42.0	41.5	41.0
		8500	42.5	42.0	41.5	41.0	40.5
		8750	42.0	41.5	41.0	40.5	40.0
		9000	41.5	41.0	40.5	40.0	39.5
		9250	41.0	40.5	40.0	39.5	39.0
		9500	40.5	40.0	39.5	39.0	38.5
		9750	40.0	39.5	39.0	38.5	38.0
		10000	39.5	39.0	38.5	38.0	37.5

OASPL MEASURED		OASPL CALCULATED		DIRECTIVITY INDEX		PWL	
50	63	100	150	200	250	300	350
63	80	125	175	225	275	325	375
80	100	150	200	250	300	350	400
100	125	175	225	275	325	375	425
125	150	200	250	300	350	400	450
150	175	225	275	325	375	425	475
175	200	250	300	350	400	450	500
200	225	275	325	375	425	475	525
225	250	300	350	400	450	500	550
250	275	325	375	425	475	525	575
275	300	350	400	450	500	550	600
300	325	375	425	475	525	575	625
325	350	400	450	500	550	600	650
350	375	425	475	525	575	625	675
375	400	450	500	550	600	650	700
400	425	475	525	575	625	675	725
425	450	500	550	600	650	700	750
450	475	525	575	625	675	725	775
475	500	550	600	650	700	750	800
500	525	575	625	675	725	775	825
525	550	600	650	700	750	800	850
550	575	625	675	725	775	825	875
575	600	650	700	750	800	850	900
600	625	675	725	775	825	875	925
625	650	700	750	800	850	900	950
650	675	725	775	825	875	925	975
675	700	750	800	850	900	950	1000

PROC. DATE - MONTH 12 DAY 14 HR. 13.3

[illegible][illegible]

PAGE 1
 SCALE MODEL RUN 26 T/D 12/11/68
 PROC. DATE - MONTH 12 DAY 23 HR. 4-8
 MAP FILE 450.0
 CONFIG RUN 26
 LDC PPG
 C-YE 12/11/68
 RJM 450.
 BAR 29.1
 TAMB 43.0
 TNET 35.0
 MACT 3.11261
 SPEED 06000
 CRPH 604.7
 TAP 18027.
 GASPL MEASURED 10000
 GASPL CALCULATED 84.5
 PHOS 97.0
 PHL 129.4
 129.2
 128.4
 128.8
 128.4
 129.6
 124.7
 119.1
 123.4
 127.4
 129.3
 138.5
 131.4
 134.9
 136.9
 136.1
 136.1
 139.2
 139.4
 141.6
 143.0
 GAPHL 151.0

FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	
50	70.1	69.3	68.6	68.9	68.9	68.3	69.0	69.0	70.0	70.7	72.1
63	65.4	63.7	64.6	65.1	67.4	68.8	67.6	68.0	69.7	69.8	71.8
80	68.6	65.2	66.2	68.5	67.3	68.9	68.0	68.0	70.3	70.3	73.6
100	64.8	60.1	65.0	68.2	66.2	67.1	72.1	74.2	73.3	73.3	75.8
125	64.8	60.1	65.0	68.2	66.2	67.1	72.1	74.2	73.3	73.3	75.8
150	62.5	63.1	62.6	65.7	64.5	65.1	64.5	67.4	67.1	67.7	71.5
175	63.6	63.5	62.6	65.7	64.5	65.1	64.5	67.4	67.1	67.7	71.5
200	63.6	63.5	62.6	65.7	64.5	65.1	64.5	67.4	67.1	67.7	71.5
250	58.1	56.9	58.7	58.9	57.7	58.5	58.5	58.3	60.7	60.7	64.3
315	61.8	62.3	63.7	63.7	63.5	62.5	62.4	61.0	61.1	62.8	68.8
400	66.1	67.7	67.8	69.8	68.4	68.7	68.3	67.7	68.1	69.2	70.8
500	67.6	69.2	69.9	69.2	69.5	69.5	70.4	70.2	71.0	71.3	72.7
630	69.4	71.3	72.7	70.9	71.9	71.9	71.1	71.1	71.1	71.3	73.1
800	67.3	68.7	70.2	68.4	68.9	68.6	68.2	68.1	68.9	71.2	73.6
1000	69.0	72.0	74.3	74.3	72.2	71.1	71.1	71.1	71.1	71.3	73.1
1250	70.1	75.5	77.1	76.2	76.5	75.1	75.0	75.4	75.4	76.8	77.2
1500	70.9	74.7	75.6	75.6	76.5	75.1	75.0	75.4	75.4	76.8	77.2
1800	70.9	74.7	75.6	75.6	76.5	75.1	75.0	75.4	75.4	76.8	77.2
2000	70.9	74.7	75.6	75.6	76.5	75.1	75.0	75.4	75.4	76.8	77.2
2500	68.3	73.1	76.1	76.1	76.1	74.3	74.3	74.3	74.3	74.7	77.2
3150	68.5	73.1	76.1	76.1	76.1	74.3	74.3	74.3	74.3	74.7	77.2
4000	74.8	84.1	88.1	87.5	83.8	83.5	83.5	83.5	83.5	86.1	88.1
5000	78.8	77.8	77.3	78.4	76.4	77.7	78.1	78.5	79.0	80.4	81.1
6300	68.6	74.9	74.2	78.2	78.4	74.6	76.3	80.0	78.4	78.3	77.8
8000	69.1	74.9	79.0	77.6	80.5	78.2	76.0	79.8	78.3	78.7	78.9
10000	71.1	77.3	77.3	77.3	75.2	74.6	74.6	74.3	74.5	78.6	79.7
12500	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
15000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
18000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
20000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
25000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
31500	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
40000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
50000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
63000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
80000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7
100000	84.5	88.4	90.7	90.0	91.1	89.7	89.1	89.1	90.7	90.7	90.7

FREQ.	DIRECTIVITY INDEX									
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0
50	-1.7	-2.7	-3.1	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
63	-0.0	-2.7	-3.1	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
80	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
100	-4.5	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
125	-5.5	-4.1	-4.8	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
150	-4.9	-4.1	-4.8	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
200	-2.8	-2.9	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
250	-2.5	-2.7	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
315	-3.0	-2.5	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
400	-2.8	-2.5	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
500	-2.8	-2.5	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
630	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
800	-2.2	-2.2	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
1000	-2.2	-2.2	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
1250	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
1500	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
2000	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
2500	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
3150	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
4000	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
5000	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
6300	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
8000	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
10000	-2.3	-2.3	-3.7	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5

PHL	QAPHL
13.7	13.1
13.9	13.2
13.8	13.3
13.1	13.4
13.4	13.5
13.5	13.6
13.3	13.7
13.9	13.8
13.6	13.9
13.8	14.0
13.0	14.1
13.4	14.2
13.5	14.3
13.6	14.4
13.4	14.5
13.6	14.6
13.5	14.7
13.2	14.8
13.9	14.9
13.7	15.0
13.9	15.1
13.8	15.2
13.5	15.3
13.6	15.4
13.4	15.5
13.6	15.6
13.5	15.7
13.2	15.8
13.9	15.9
13.7	16.0
13.9	16.1
13.8	16.2
13.5	16.3
13.6	16.4
13.4	16.5
13.6	16.6
13.5	16.7
13.2	16.8
13.9	16.9
13.7	17.0
13.9	17.1
13.8	17.2
13.5	17.3
13.6	17.4
13.4	17.5
13.6	17.6
13.5	17.7
13.2	17.8
13.9	17.9
13.7	18.0
13.9	18.1
13.8	18.2
13.5	18.3
13.6	18.4
13.4	18.5
13.6	18.6
13.5	18.7
13.2	18.8
13.9	18.9
13.7	19.0
13.9	19.1
13.8	19.2
13.5	19.3
13.6	19.4
13.4	19.5
13.6	19.6
13.5	19.7
13.2	19.8
13.9	19.9
13.7	20.0
13.9	20.1
13.8	20.2
13.5	20.3
13.6	20.4
13.4	20.5
13.6	20.6
13.5	20.7
13.2	20.8
13.9	20.9
13.7	21.0
13.9	21.1
13.8	21.2
13.5	21.3
13.6	21.4
13.4	21.5
13.6	21.6
13.5	21.7
13.2	21.8
13.9	21.9
13.7	22.0
13.9	22.1
13.8	22.2
13.5	22.3
13.6	22.4
13.4	22.5
13.6	22.6
13.5	22.7
13.2	22.8
13.9	22.9
13.7	23.0
13.9	23.1
13.8	23.2
13.5	23.3
13.6	23.4
13.4	23.5
13.6	23.6
13.5	23.7
13.2	23.8
13.9	23.9
13.7	24.0
13.9	24.1
13.8	24.2
13.5	24.3
13.6	24.4
13.4	24.5
13.6	24.6
13.5	24.7
13.2	24.8
13.9	24.9
13.7	25.0
13.9	25.1
13.8	25.2
13.5	25.3
13.6	25.4
13.4	25.5
13.6	25.6
13.5	25.7
13.2	25.8
13.9	25.9
13.7	26.0
13.9	26.1
13.8	26.2
13.5	26.3
13.6	26.4
13.4	26.5
13.6	26.6
13.5	26.7
13.2	26.8
13.9	26.9
13.7	27.0
13.9	27.1
13.8	27.2
13.5	27.3
13.6	27.4
13.4	27.5
13.6	27.6
13.5	27.7
13.2	27.8
13.9	27.9
13.7	28.0
1	

[illegible]

PAGE 1 SCALE MODEL RUN 26 T/D 12/11/68

PROC. DATE - MONTH 12 DAY 20 HR. 4.9

RADIAL 250.0
VEHICLE -SM
CONFIG RUN 26
LOC PPG
DATE 12/11/68
RUN 433.
WIND 29.1
TAMB 43.0
TACT 35.0
MAGT 3.1136
SPEED 400
CRPH 6709.2
TAP 18027.

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY
ANGLES FROM INLET

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	PWL
50	72.7	72.9	70.9	69.1	72.5	73.8	76.4	77.5	78.6	77.0	75.7	78.3	80.1	86.1	85.6	136.0
63	70.2	70.5	69.3	73.1	71.2	72.1	75.2	77.1	77.2	77.1	75.0	77.5	80.2	83.7	83.1	135.1
80	68.6	68.8	68.0	67.3	70.2	72.1	74.7	75.9	76.5	75.3	74.7	77.1	79.9	82.2	82.2	134.0
100	68.7	68.8	67.4	68.5	72.2	73.1	75.0	76.7	77.4	76.0	74.7	77.7	79.9	82.2	82.2	134.4
125	67.9	69.4	67.4	67.4	70.8	71.4	73.4	75.4	76.5	75.2	74.6	77.4	80.8	81.8	81.8	133.0
150	65.4	67.4	65.4	64.7	68.2	68.9	72.2	73.5	73.9	72.5	72.3	75.0	78.5	78.9	77.5	132.3
200	64.9	66.3	62.8	63.4	65.1	62.1	65.3	67.0	67.1	67.8	66.3	70.1	73.9	75.5	75.4	129.4
250	61.8	62.0	60.6	59.4	60.0	62.1	65.1	66.1	66.1	67.9	66.3	70.1	73.9	75.5	75.4	129.4
315	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
400	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
500	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
630	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
800	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
1000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
1250	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
1600	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
2000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
2500	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
3150	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
4000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
5000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
6300	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
8000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5
10000	58.4	58.2	57.3	57.3	58.5	58.5	60.2	61.2	61.2	62.8	61.2	64.8	68.5	72.4	72.4	128.5

GASPL MEASURED 82.5
GASPL CALCULATED 89.0
P402 99.3 104.7 108.6 107.3 105.4 108.5 106.0 103.5 106.6 107.2 106.9 105.3 101.5 102.1 102.4

OAPUL 152.2

DIRECTIVITY INDEX

FREQ.	50	63	80	100	125	150	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	
50	-5.4	-6.7	-7.9	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
63	-6.7	-7.9	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
80	-7.9	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
100	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
125	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
150	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
200	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
250	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
315	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
400	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
500	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
630	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
800	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
1000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
1250	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
1600	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
2000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
2500	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
3150	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
4000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
5000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
6300	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
8000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
10000	-8.1	-8.1	-8.1	-7.4	-9.2	-5.8	-4.4	-3.1	-1.8	-0.8	-0.3	-1.3	-2.4	-1.3	-0.3	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3

PAGE 1 SCALE MODEL RUN 26 T/D 12/11/68 PROC. DATE - MONTH 12 DAY 20 HR. 4.9

RADIAL 250.0
VEHICLE -SM
CONFID RUN 26
LOC MPQ
DATE 12/11/68
BAR 434.
TWS 29.1
TWT 43.0
TWT 33.0
WACT 3.1145
SPEED 6090
CRPH 7008.9
TAPE Y8536.

FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PWL				
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0					
50	73.4	72.6	71.6	74.7	77.2	77.4	74.8	75.4	77.2	76.2	76.7	78.6	80.8	86.8	86.8
63	71.4	71.3	70.1	75.5	76.7	75.9	74.0	75.6	76.2	75.2	76.0	78.2	80.7	85.3	85.5
80	69.8	70.1	69.5	72.5	75.7	75.4	74.0	75.3	75.6	75.2	76.0	78.0	80.7	84.3	84.0
100	70.6	69.6	68.1	72.4	75.1	75.4	74.6	75.6	76.3	75.6	76.0	78.0	81.1	83.4	83.0
125	72.0	71.0	69.2	74.4	77.4	76.0	74.1	75.2	77.1	76.3	77.4	79.4	81.8	83.2	82.8
160	68.5	68.9	67.7	70.4	72.2	72.4	72.1	73.0	73.4	72.7	73.5	74.6	76.0	80.0	78.6
200	67.5	66.1	62.2	66.7	69.7	69.7	68.4	70.4	71.1	69.3	70.4	70.9	71.8	76.8	76.8
250	65.7	64.2	63.5	64.7	66.6	66.6	65.1	67.4	68.6	67.4	68.6	70.2	71.0	76.1	74.8
315	60.6	70.4	68.5	67.6	68.8	69.3	68.3	68.9	68.4	69.8	73.1	74.2	75.4	77.2	74.9
400	71.8	71.7	70.8	70.0	70.7	72.8	73.0	73.4	73.5	73.6	75.4	76.9	77.0	77.3	74.9
500	72.3	73.4	73.3	73.4	72.0	74.1	75.4	76.5	76.3	76.6	77.1	77.9	77.1	76.0	73.3
630	72.5	73.7	74.9	74.5	73.7	74.6	75.4	76.4	77.6	77.9	78.1	78.7	78.1	74.6	72.8
800	70.2	70.6	71.8	73.1	72.1	73.8	72.7	73.2	74.8	75.7	75.0	74.8	73.9	73.4	71.8
1000	72.5	74.8	76.3	75.8	74.0	74.9	75.2	75.5	74.9	76.1	76.7	75.8	75.4	73.1	73.2
1250	73.7	74.9	78.1	78.6	76.1	76.9	76.3	77.3	77.3	78.0	78.3	77.9	75.0	73.7	74.1
1600	74.6	78.2	79.2	80.2	79.1	79.0	77.9	79.2	79.2	79.8	79.3	78.6	75.2	73.7	74.6
2000	72.1	76.0	76.6	77.7	77.1	75.8	76.3	78.4	78.6	78.5	77.0	78.0	73.6	71.9	73.0
2500	71.1	75.3	75.9	77.5	77.9	75.3	75.8	78.8	78.4	77.4	77.8	77.4	72.4	70.7	72.1
3150	71.2	75.3	77.8	77.0	75.6	75.6	76.0	78.4	76.4	76.8	77.1	73.3	69.3	71.6	85.3
4000	82.2	87.4	89.8	91.3	93.9	88.1	87.6	87.1	88.4	86.9	87.6	83.8	79.8	82.5	80.6
5000	78.1	84.2	86.2	88.1	91.2	84.8	84.7	84.8	86.0	86.0	81.8	77.8	79.8	79.4	77.8
6300	71.4	75.1	74.5	78.2	77.7	75.4	77.3	82.3	82.5	80.3	77.0	78.5	73.8	70.3	71.7
8000	74.7	77.6	80.0	80.1	77.9	78.8	78.1	78.8	80.0	81.7	82.1	77.9	72.1	74.3	70.5
10000	74.3	77.0	80.0	80.0	75.8	78.2	78.0	78.0	80.7	81.5	81.5	79.5	74.3	73.5	71.4
OASPL MEASURED	89.6	91.8	92.9	94.6	90.5	92.4	92.4	93.2	93.9	93.9	93.4	93.0	92.9	96.3	93.7
OASPL CALCULATED	87.7	91.4	93.1	94.6	90.5	92.4	92.4	93.2	93.6	93.6	93.0	91.8	90.9	93.7	93.1
ANDB	102.8	106.0	108.5	110.0	105.3	107.7	107.5	107.8	108.7	108.9	105.1	104.0	103.0	104.6	103.3

OASPL 153.7

FREQ.	DIRECTIVITY INDEX									
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0
50	-3.5	-6.6	-6.3	-7.4	-4.2	-1.7	-2.7	-2.7	-2.7	-2.7
63	-6.6	-7.0	-6.6	-7.7	-4.2	-1.7	-2.7	-2.7	-2.7	-2.7
80	-7.4	-7.5	-7.0	-7.7	-4.2	-1.7	-2.7	-2.7	-2.7	-2.7
100	-6.5	-7.5	-7.0	-7.7	-4.2	-1.7	-2.7	-2.7	-2.7	-2.7
125	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
160	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
200	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
250	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
315	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
400	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
500	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
630	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
800	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
1000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
1250	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
1600	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
2000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
2500	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
3150	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
4000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
5000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
6300	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
8000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5
10000	-5.2	-4.8	-4.8	-5.5	-4.4	-0.5	-0.5	-0.5	-0.5	-0.5

REPEAT

PAGE 1 SCALE MODEI RUN 26 T/0 12/11/69 PRQC. DATE - MONTH 12 DAY 20 NO. 4.9

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	ANGLES FROM INLET										150.0
								90.0	100.0	110.0	120.0	130.0	140.0	150.0				
50	74.7	75.7	74.8	73.0	73.6	73.8	73.9	74.2	75.9	76.8	76.4	76.0	76.0	50.3	55.1	57.5		
63	73.1	74.5	75.6	76.0	74.8	74.9	74.2	73.5	75.9	76.3	76.6	76.8	77.5	51.1	54.6	57.2		
80	70.3	72.3	72.8	71.6	71.9	72.2	73.5	73.9	74.9	75.4	75.8	76.8	77.8	50.7	53.1	55.3		
100	71.6	72.2	72.8	71.2	72.5	73.5	73.9	75.0	76.2	76.4	76.3	76.4	76.4	51.9	53.2	54.2		
125	72.3	74.5	73.8	73.9	74.4	74.4	76.3	76.2	77.9	79.4	79.7	80.1	80.5	51.8	53.4	54.7		
160	69.3	71.2	70.2	68.3	70.2	71.4	72.2	72.9	73.6	74.4	74.7	75.6	76.6	51.4	53.1	54.7		
200	68.1	69.2	67.0	66.6	67.0	67.4	68.3	68.9	71.6	71.6	71.3	72.1	73.4	51.4	53.1	54.7		
250	67.0	68.3	67.0	66.5	66.8	66.9	67.9	68.9	71.6	71.6	71.3	72.1	73.4	51.4	53.1	54.7		
315	69.2	71.0	72.2	68.9	69.5	69.8	68.8	68.5	67.8	68.2	69.6	71.5	74.7	51.8	53.8	55.7		
400	72.6	73.5	73.5	73.5	73.1	74.3	73.9	74.0	73.7	73.6	75.9	78.1	77.5	51.1	53.6	55.7		
500	72.0	74.3	74.7	74.1	74.6	74.8	75.3	76.3	76.4	76.4	78.4	79.8	77.1	51.1	53.6	55.7		
630	72.3	74.2	74.9	74.1	74.6	74.8	75.3	76.3	76.4	76.4	78.4	79.8	77.1	51.1	53.6	55.7		
800	72.2	73.2	74.9	74.1	74.6	74.8	75.3	76.3	76.4	76.4	78.4	79.8	77.1	51.1	53.6	55.7		
1000	72.2	73.2	74.9	74.1	74.6	74.8	75.3	76.3	76.4	76.4	78.4	79.8	77.1	51.1	53.6	55.7		
1250	77.6	90.2	81.1	80.1	82.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	77.4	78.4	78.3		
1500	77.4	78.0	82.1	80.6	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	77.4	78.4	78.3		
2000	75.5	79.4	84.1	80.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	77.4	78.4	78.3		
2500	73.5	77.2	81.4	81.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	77.4	78.4	78.3		
3150	73.1	77.3	81.4	81.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	77.4	78.4	78.3		
4000	76.0	80.6	83.6	80.6	88.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	77.4	78.4	78.3		
5000	81.3	86.6	87.9	87.0	83.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	77.4	78.4	78.3		
6300	72.8	76.8	77.9	78.1	80.5	78.8	77.5	80.1	78.9	77.4	77.0	78.5	73.3	70.7	76.6	74.3		
8000	72.0	74.7	78.7	75.5	78.5	77.2	77.2	77.0	76.4	77.9	79.4	74.1	70.3	72.1	74.3	74.3		
10000	74.0	77.1	78.6	78.0	78.0	78.1	78.6	77.0	80.2	82.3	82.4	74.3	74.3	74.3	74.3	74.3		
12500	89.1	92.0	93.5	92.5	94.2	94.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2		
15000	88.0	91.4	93.0	91.9	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6		
20000	102.3	106.4	107.9	106.8	107.3	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5		
CASPL MEASURED																		
CASPL CALCULATED																		
CASPL CALCULATED																		

0ASPL MEASURED
0ASPL CALCULATED

0ASPL 153.0

FREQ.	DIRECTIVITY INDEX										20.
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	
50	-3.5	-2.5	-3.4	-5.2	-4.6	-4.5	-4.3	-4.0	-2.3	-1.4	9.3
63	-5.2	-3.8	-2.7	-2.3	-3.5	-4.4	-4.2	-3.6	-2.4	-2.0	8.9
80	-6.5	-4.5	-4.0	-5.3	-4.9	-4.6	-3.3	-2.9	-2.0	-1.4	8.5
100	-5.6	-5.0	-5.5	-6.0	-4.7	-4.0	-3.3	-2.1	-0.9	-0.7	7.0
125	-6.3	-4.1	-4.7	-7.2	-4.2	-2.3	-2.3	-0.7	0.8	1.1	3.1
160	-4.5	-2.7	-3.6	-5.5	-3.6	-2.5	-1.7	-0.9	-0.3	0.6	5.2
200	-2.4	-1.2	-3.4	-3.9	-3.5	-3.3	-2.2	-1.2	-0.4	1.1	3.3
250	-1.2	0.2	1.9	-1.4	-3.6	-3.3	-2.2	-1.2	-0.4	1.1	3.3
315	-2.3	-0.5	0.7	-1.7	-2.0	-1.8	-3.0	-3.1	-3.3	-1.9	5.6
400	-3.5	-2.2	-1.7	-2.6	-1.9	-0.7	-1.1	-0.7	-1.2	-1.4	4.2
500	-3.5	-2.2	-2.3	-2.6	-2.4	-1.1	-0.9	-0.7	-1.2	-1.4	2.2
630	-4.7	-2.8	-2.3	-3.5	-2.4	-1.1	-0.9	-0.7	-1.2	-1.4	2.2
800	-3.4	-2.4	-0.7	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	1.3
1000	-3.6	-2.4	-0.5	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	-0.2
1250	-3.3	-2.4	-0.5	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	0.9
1600	-5.0	-2.4	-0.5	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	-0.3
2000	-7.4	-3.4	-0.3	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	-2.7
2500	-7.8	-4.1	-2.3	-3.2	-2.7	-2.0	-1.7	-0.7	-0.7	0.7	-3.7
3150	-6.4	-2.5	1.2	-3.3	-2.5	-2.0	-1.7	-0.7	-0.7	0.7	-5.1
4000	-4.2	0.7	3.4	0.4	-2.7	-2.1	-1.9	-1.4	-0.8	1.4	-5.1
5000	-5.1	0.2	1.5	0.6	-2.7	-2.1	-1.9	-1.4	-0.8	1.4	-5.1
6300	-4.8	-0.6	0.2	0.6	-2.7	-2.1	-1.9	-1.4	-0.8	1.4	-5.1
8000	-4.7	-2.0	0.2	1.6	-2.7	-2.1	-1.9	-1.4	-0.8	1.4	-5.1
10000	-4.9	-1.8	-0.3	-1.0	-0.9	-0.9	-0.3	-1.1	-1.3	3.4	-2.3
12500	-4.9	-1.8	-0.3	-1.0	-0.9	-0.9	-0.3	-1.1	-1.3	3.4	-2.3
15000	-4.9	-1.8	-0.3	-1.0	-0.9	-0.9	-0.3	-1.1	-1.3	3.4	-2.3

VEHICLE		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY											PWL			
CONFIS		ANGLES FROM INLET														
LOC PPG		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
250.0	50	77.0	78.5	76.1	75.7	76.0	79.8	79.3	79.1	77.4	78.9	79.8	81.8	84.3	88.7	90.1
40.0	63	74.4	76.5	75.3	77.0	76.1	78.8	78.3	78.4	77.3	77.9	79.6	82.0	84.3	88.2	89.8
100	100	73.5	75.6	74.4	74.7	74.9	77.3	77.5	77.9	77.2	78.1	79.3	81.4	84.2	86.5	88.1
125	125	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
150	150	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
175	175	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
200	200	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
225	225	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
250	250	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
275	275	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
300	300	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
325	325	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
350	350	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
375	375	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
400	400	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
425	425	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
450	450	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
475	475	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
500	500	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
525	525	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
550	550	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
575	575	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
600	600	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
625	625	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
650	650	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
675	675	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
700	700	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
725	725	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
750	750	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
775	775	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
800	800	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
825	825	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
850	850	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
875	875	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
900	900	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
925	925	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
950	950	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
975	975	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1
1000	1000	73.9	75.6	74.4	74.9	75.2	77.5	77.7	78.1	77.7	78.6	79.6	81.5	84.2	86.5	88.1

OASPL MEASURED
OASPL CALCULATED

0.8PWL 158.0

VEHICLE		DIRECTIVITY INDEX											PWL			
CONFIS		ANGLES FROM INLET														
LOC PPG		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
250.0	50	-4.7	-4.5	-4.5	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
40.0	63	-7.4	-7.4	-7.4	-5.7	-5.7	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
100	100	-6.5	-6.5	-6.5	-5.4	-5.4	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
125	125	-6.1	-6.1	-6.1	-5.1	-5.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
150	150	-5.3	-5.3	-5.3	-4.8	-4.8	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
175	175	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
200	200	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
225	225	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
250	250	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
275	275	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
300	300	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
325	325	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
350	350	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
375	375	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
400	400	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
425	425	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
450	450	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
475	475	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
500	500	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
525	525	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
550	550	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
575	575	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
600	600	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
625	625	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
650	650	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
675	675	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
700	700	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
725	725	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
750	750	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
775	775	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
800	800	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
825	825	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
850	850	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
875	875	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
900	900	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
925	925	-4.3	-4.3	-4.3	-4.1	-4.1	-2.5	-2.4	-2.4	-3.9	-2.4	-1.6	7	2.8	7.2	8.4
9																

PML

RADIOAL VEHICLE CONFIG LOC DATE RUN BAR TAMB THET HACT SPEED CRPH TAPE	FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY ANGLES FROM INLET										PML	
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		
250.0 -SM RUN 20	50	75.9	75.5	74.8	73.8	74.6	75.1	75.2	75.7	76.7	77.8	89.0	91.3
43.1 12/11/68	63	72.3	72.4	73.0	73.9	74.3	74.7	75.1	76.4	76.8	77.1	88.9	91.8
43.1 12/11/68	80	71.4	72.1	72.7	73.2	74.0	74.9	75.6	76.8	77.1	78.1	87.4	90.4
29.1	100	73.2	73.7	74.5	75.2	76.3	77.0	77.7	78.8	79.8	82.0	88.1	91.8
44.0	125	70.7	71.5	72.5	73.5	74.6	75.4	76.1	77.3	78.3	80.5	86.6	89.6
35.0	150	69.2	70.3	71.4	72.5	73.6	74.5	75.4	76.6	77.6	79.8	85.9	88.9
2.02844	200	66.5	68.2	69.8	71.5	73.1	74.7	76.2	77.8	79.3	82.0	88.1	91.1
0.7908	250	64.0	66.2	68.1	70.1	71.9	73.7	75.4	77.1	78.8	81.6	87.7	90.7
8016.8	315	61.8	64.5	66.7	69.1	71.1	73.0	74.9	76.7	78.5	81.4	87.5	90.5
78336.	400	59.1	62.2	64.7	67.4	69.7	71.8	73.9	75.8	77.7	80.7	86.8	89.8
	500	56.7	60.1	62.8	65.8	68.3	70.6	72.9	74.8	76.7	79.7	85.8	88.8
	630	54.5	58.2	61.1	64.4	66.9	69.4	71.8	73.8	75.8	78.8	84.9	87.9
	800	52.5	56.5	59.7	63.2	65.9	68.6	71.1	73.2	75.3	78.3	84.4	87.4
	1000	50.7	54.9	58.3	62.0	64.9	67.8	70.4	72.6	74.8	77.8	83.9	86.9
	1250	49.2	53.6	57.2	61.1	64.2	67.3	69.9	72.2	74.5	77.5	83.6	86.6
	1500	47.8	52.4	56.2	60.3	63.6	66.8	69.5	71.9	74.3	77.3	83.4	86.4
	1750	46.5	51.3	55.2	59.5	63.0	66.4	69.2	71.7	74.2	77.2	83.3	86.3
	2000	45.3	50.2	54.2	58.7	62.3	65.8	68.7	71.3	73.9	76.9	83.0	86.0
	2250	44.2	49.2	53.3	57.9	61.7	65.3	68.3	71.0	73.7	76.7	82.8	85.8
	2500	43.2	48.3	52.5	57.2	61.1	64.8	67.9	70.7	73.5	76.5	82.6	85.6
	2750	42.3	47.5	51.8	56.6	60.6	64.4	67.6	70.5	73.4	76.4	82.5	85.5
	3000	41.5	46.8	51.2	56.1	60.2	64.1	67.4	70.4	73.4	76.4	82.5	85.5
	3250	40.8	46.2	50.7	55.7	59.8	63.8	67.2	70.3	73.3	76.3	82.4	85.4
	3500	40.2	45.7	50.3	55.4	59.6	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	3750	39.7	45.3	50.0	55.2	59.5	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	4000	39.2	44.9	49.7	55.0	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	4250	38.8	44.6	49.5	54.9	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	4500	38.4	44.4	49.4	54.8	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	4750	38.1	44.2	49.3	54.7	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	5000	37.8	44.1	49.2	54.6	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	5250	37.6	44.0	49.1	54.5	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	5500	37.4	43.9	49.0	54.4	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	5750	37.2	43.8	48.9	54.3	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	6000	37.1	43.7	48.8	54.2	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	6250	37.0	43.6	48.7	54.1	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	6500	36.9	43.5	48.6	54.0	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	6750	36.8	43.4	48.5	53.9	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	7000	36.7	43.3	48.4	53.8	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	7250	36.6	43.2	48.3	53.7	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	7500	36.5	43.1	48.2	53.6	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	7750	36.4	43.0	48.1	53.5	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	8000	36.3	42.9	48.0	53.4	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	8250	36.2	42.8	47.9	53.3	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	8500	36.1	42.7	47.8	53.2	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	8750	36.0	42.6	47.7	53.1	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	9000	35.9	42.5	47.6	53.0	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	9250	35.8	42.4	47.5	52.9	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	9500	35.7	42.3	47.4	52.8	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	9750	35.6	42.2	47.3	52.7	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4
	10000	35.5	42.1	47.2	52.6	59.4	63.7	67.2	70.3	73.3	76.3	82.4	85.4

OASPL 158.6

FREQ.	DIRECTIVITY INDEX										OASPL 158.6	
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0			
50	35.9	35.5	34.8	33.8	34.6	35.1	35.2	35.7	36.7	37.8	49.0	51.3
63	32.3	32.4	33.0	33.9	34.3	34.7	35.1	35.5	36.8	37.1	48.9	51.8
80	31.4	32.1	32.7	33.2	34.0	34.9	35.6	36.3	37.5	38.5	48.4	51.4
100	33.2	33.7	34.5	35.2	36.3	37.0	37.7	38.4	39.6	40.6	48.1	51.1
125	30.7	31.5	32.5	33.5	34.6	35.4	36.1	36.8	38.0	39.0	47.6	50.6
150	29.2	30.3	31.4	32.4	33.5	34.3	35.0	35.7	36.9	37.9	47.1	50.1
200	26.5	28.2	29.8	31.5	33.1	34.7	36.3	37.9	39.5	41.1	46.6	49.6
250	24.0	25.7	27.3	29.0	30.6	32.2	33.8	35.4	37.0	38.6	44.1	47.1
315	21.8	23.5	25.1	26.8	28.4	30.0	31.6	33.2	34.8	36.4	41.9	44.9
400	19.3	21.0	22.6	24.2	25.8	27.4	29.0	30.6	32.2	33.8	39.3	42.3
500	16.8	18.5	20.1	21.7	23.3	24.9	26.5	28.1	29.7	31.3	36.8	39.8
630	14.5	16.2	17.8	19.4	21.0	22.6	24.2	25.8	27.4	29.0	34.5	37.5
800	12.5	14.2	15.8	17.4	19.0	20.6	22.2	23.8	25.4	27.0	32.5	35.5
1000	10.7	12.4	14.0	15.6	17.2	18.8	20.4	22.0	23.6	25.2	30.7	33.7
1250	9.2	10.9	12.5	14.1	15.7	17.3	18.9	20.5	22.1	23.7	29.2	32.2
1500	7.8	9.5	11.1	12.7	14.3	15.9	17.5	19.1	20.7	22.3	27.7	30.7
1750	6.5	8.2	9.8	11.4	13.0	14.6	16.2	17.8	19.4	21.0	26.2	29.2
2000	5.3	7.0	8.6	10.2	11.8	13.4	15.0	16.6	18.2	19.8	24.7	27.7
2250	4.2	5.9	7.5	9.1	10.7	12.3	13.9	15.5	17.1	18.7	23.2	26.2
2500	3.2	4.9	6.5	8.1	9.7	11.3	12.9	14.5	16.1	17.7	21.7	24.7
2750	2.3	4.0	5.6	7.2	8.8	10.4	12.0	13.6	15.2	16.8	20.2	23.2
3000	1.5	3.2	4.8	6.4	8.0	9.6	11.2	12.8	14.4	16.0	18.7	21.7
3250	0.8	2.5	4.1	5.7	7.3	8.9	10.5	12.1	13.7	15.3	17.2	20.2
3500	0.2	1.9	3.5	5.1	6.7	8.3	9.9	11.5	13.1	14.7	16.6	19.7
3750	-0.3	1.4	3.0	4.6	6.2	7.8	9.4	11.0	12.6	14.2	16.1	19.2
4000	-0.9	0.8	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.6	15.5	18.7
4250	-1.5	0.2	1.8	3.4	5.0	6.6	8.2	9.8	11.4	13.0	14.9	18.2
4500	-2.1	-0.4	1.2	2.8	4.4	6.0	7.6	9.2	10.8	12.4	14.3	17.7
4750	-2.7	-1.0	0.6	2.2	3.8	5.4	7.0	8.6	10.2	11.8	13.7	17.2
5000	-3.3	-1.6	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.2	13.1	16.7
5250	-3.9	-2.2	-0.6	1.0	2.6	4.2	5.8	7.4	9.0	10.6	12.5	16.2
5500	-4.5	-2.8	-1.2	0.4	2.0	3.6	5.2	6.8	8.4	10.0	11.9	15.7
5750	-5.1	-3.4	-1.8	-0.2	1.4	3.0	4.6	6.2	7.8	9.4	11.3	15.2
6000	-5.7	-4.0	-2.4	0.4	2.0	3.6	5.2	6.8	8.4	10.0	11.7	14.7
6250	-6.3	-4.6	-3.0	1.0	2.6	4.2	5.8	7.4	9.0	10.6	11.3	14.2
6500	-6.9	-5.2	-3.6	1.6	3.2	4.8	6.4	8.0	9.6	11.2	10.9	13.7
6750	-7.5	-5.8	-4.2	2.2	3.8	5.4	7.0	8.6	10.2	11.8	10.5	13.2
7000	-8.1	-6.4	-4.8	2.8	4.4	6.0	7.6	9.2	10.8	12.4	10.1	12.7
7250	-8.7	-7.0	-5.4	3.4	5.0	6.6	8.2	9.8	11.4	13.0	9.7	12.2
7500	-9.3	-7.6	-6.0	4.0	5.6	7.2	8.8	10.4	12.0	13.6	9.3	11.7
7750	-9.9	-8.2	-6.6	4.6	6.2	7.8	9.4	11.0	12.6	14.2	8.9	11.2
8000	-10.5	-8.8	-7.2	5.2	6.8	8.4	10.0	11.6	13.2	14.8	8.5	10.7
8250	-11.1	-9.4	-7.8	5.8	7.4	9.0	10.6	12.2	13.8	15.4	8.1	10.2
8500	-11.7	-10.0	-8.4	6.4	8.0	9.6	11.2	12.8	14.4	16.0	7.7	9.7
8750	-12.3	-10.6	-9.0	7.0	8.6	10.2	11.8	13.4	15.0	16.6	7.3	9.3
9000	-12.9	-11.2	-9.6	7.6	9.2	10.8	12.4	14.0	15.6	17.2	6.9	8.9
9250	-13.5	-11.8	-10.2	8.2	9.8	11.4	13.0	14.6	16.2	17.8	6.5	8.5
9500	-14.1	-12.4	-10.8	8.8	10.4	12.0	13.6	15.2	16.8	18.4	6.1	8.1
9750	-14.7	-13.0	-11.4	9.4	11.0	12.6	14.2	15.8	17.4	19.0	5.7	7.7
10000	-15.3	-13.6	-12.0	10.0	11.6	13.2	14.8	16.4	18.0	19.6	5.3	7.3

7m

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52.9

52.9

VEHICLE CONFIG		FREQ.		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY		PML										
LOC	PTG	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
250.0	50	75.7	75.7	75.7	74.9	75.1	76.6	76.7	77.1	78.4	80.0	80.5	82.3	85.2	91.4	93.3
30	63	71.4	71.7	73.3	75.1	74.8	76.0	76.1	76.5	78.0	79.9	80.7	83.2	86.2	91.4	93.3
80	71.7	72.8	74.6	76.6	78.6	78.5	79.9	79.9	79.9	79.9	79.9	81.1	83.2	86.2	91.4	93.3
100	72.4	73.7	75.6	77.6	79.6	79.5	80.9	80.9	80.9	80.9	82.1	83.3	85.7	88.7	93.8	95.8
125	73.3	75.0	76.8	78.6	80.4	80.3	81.7	81.7	81.7	81.7	82.9	84.1	86.5	89.5	94.6	96.6
150	74.0	75.7	77.4	79.1	80.8	80.7	82.1	82.1	82.1	82.1	83.3	84.5	86.9	89.9	95.0	97.0
175	74.6	76.3	78.0	79.7	81.4	81.3	82.7	82.7	82.7	82.7	83.9	85.1	87.5	90.5	95.6	97.6
200	75.1	76.8	78.5	80.2	81.9	81.8	83.2	83.2	83.2	83.2	84.4	85.6	88.0	91.0	96.1	98.1
225	75.6	77.3	79.0	80.7	82.4	82.3	83.7	83.7	83.7	83.7	84.9	86.1	88.5	91.5	96.6	98.6
250	76.1	77.8	79.5	81.2	82.9	82.8	84.2	84.2	84.2	84.2	85.4	86.6	89.0	92.0	97.1	99.1
275	76.6	78.3	80.0	81.7	83.4	83.3	84.7	84.7	84.7	84.7	85.9	87.1	89.5	92.5	97.6	99.6
300	77.1	78.8	80.5	82.2	83.9	83.8	85.2	85.2	85.2	85.2	86.4	87.6	90.0	93.0	98.1	100.1
325	77.6	79.3	81.0	82.7	84.4	84.3	85.7	85.7	85.7	85.7	86.9	88.1	90.5	93.5	98.6	100.6
350	78.1	79.8	81.5	83.2	84.9	84.8	86.2	86.2	86.2	86.2	87.4	88.6	91.0	94.0	99.1	101.1
375	78.6	80.3	82.0	83.7	85.4	85.3	86.7	86.7	86.7	86.7	87.9	89.1	91.5	94.5	99.6	101.6
400	79.1	80.8	82.5	84.2	85.9	85.8	87.2	87.2	87.2	87.2	88.4	89.6	92.0	95.0	100.1	102.1
425	79.6	81.3	83.0	84.7	86.4	86.3	87.7	87.7	87.7	87.7	88.9	90.1	92.5	95.5	100.6	102.6
450	80.1	81.8	83.5	85.2	86.9	86.8	88.2	88.2	88.2	88.2	89.4	90.6	93.0	96.0	101.1	103.1
475	80.6	82.3	84.0	85.7	87.4	87.3	88.7	88.7	88.7	88.7	89.9	91.1	93.5	96.5	101.6	103.6
500	81.1	82.8	84.5	86.2	87.9	87.8	89.2	89.2	89.2	89.2	90.4	91.6	94.0	97.0	102.1	104.1
525	81.6	83.3	85.0	86.7	88.4	88.3	89.7	89.7	89.7	89.7	90.9	92.1	94.5	97.5	102.6	104.6
550	82.1	83.8	85.5	87.2	88.9	88.8	90.2	90.2	90.2	90.2	91.4	92.6	95.0	98.0	103.1	105.1
575	82.6	84.3	86.0	87.7	89.4	89.3	90.7	90.7	90.7	90.7	91.9	93.1	95.5	98.5	103.6	105.6
600	83.1	84.8	86.5	88.2	89.9	89.8	91.2	91.2	91.2	91.2	92.4	93.6	96.0	99.0	104.1	106.1
625	83.6	85.3	87.0	88.7	90.4	90.3	91.7	91.7	91.7	91.7	92.9	94.1	96.5	99.5	104.6	106.6
650	84.1	85.8	87.5	89.2	90.9	90.8	92.2	92.2	92.2	92.2	93.4	94.6	97.0	100.0	105.1	107.1
675	84.6	86.3	88.0	89.7	91.4	91.3	92.7	92.7	92.7	92.7	93.9	95.1	97.5	100.5	105.6	107.6
700	85.1	86.8	88.5	90.2	91.9	91.8	93.2	93.2	93.2	93.2	94.4	95.6	98.0	101.0	106.1	108.1
725	85.6	87.3	89.0	90.7	92.4	92.3	93.7	93.7	93.7	93.7	94.9	96.1	98.5	101.5	106.6	108.6
750	86.1	87.8	89.5	91.2	92.9	92.8	94.2	94.2	94.2	94.2	95.4	96.6	99.0	102.0	107.1	109.1
775	86.6	88.3	90.0	91.7	93.4	93.3	94.7	94.7	94.7	94.7	95.9	97.1	99.5	102.5	107.6	109.6
800	87.1	88.8	90.5	92.2	93.9	93.8	95.2	95.2	95.2	95.2	96.4	97.6	100.0	103.0	108.1	110.1
825	87.6	89.3	91.0	92.7	94.4	94.3	95.7	95.7	95.7	95.7	96.9	98.1	100.5	103.5	108.6	110.6
850	88.1	89.8	91.5	93.2	94.9	94.8	96.2	96.2	96.2	96.2	97.4	98.6	101.0	104.0	109.1	111.1
875	88.6	90.3	92.0	93.7	95.4	95.3	96.7	96.7	96.7	96.7	97.9	99.1	101.5	104.5	109.6	111.6
900	89.1	90.8	92.5	94.2	95.9	95.8	97.2	97.2	97.2	97.2	98.4	99.6	102.0	105.0	110.1	112.1
925	89.6	91.3	93.0	94.7	96.4	96.3	97.7	97.7	97.7	97.7	98.9	100.1	102.5	105.5	110.6	112.6
950	90.1	91.8	93.5	95.2	96.9	96.8	98.2	98.2	98.2	98.2	99.4	100.6	103.0	106.0	111.1	113.1
975	90.6	92.3	94.0	95.7	97.4	97.3	98.7	98.7	98.7	98.7	99.9	101.1	103.5	106.5	111.6	113.6
1000	91.1	92.8	94.5	96.2	97.9	97.8	99.2	99.2	99.2	99.2	100.4	101.6	104.0	107.0	112.1	114.1
1025	91.6	93.3	95.0	96.7	98.4	98.3	99.7	99.7	99.7	99.7	100.9	102.1	104.5	107.5	112.6	114.6
1050	92.1	93.8	95.5	97.2	98.9	98.8	100.2	100.2	100.2	100.2	101.4	102.6	105.0	108.0	113.1	115.1
1075	92.6	94.3	96.0	97.7	99.4	99.3	100.7	100.7	100.7	100.7	101.9	103.1	105.5	108.5	113.6	115.6
1100	93.1	94.8	96.5	98.2	100.0	99.9	101.2	101.2	101.2	101.2	102.4	103.6	106.0	109.0	114.1	116.1
1125	93.6	95.3	97.0	98.7	100.5	100.4	101.8	101.8	101.8	101.8	103.0	104.2	106.6	109.6	114.6	116.6
1150	94.1	95.8	97.5	99.2	101.0	100.9	102.2	102.2	102.2	102.2	103.4	104.6	107.0	110.0	115.1	117.1
1175	94.6	96.3	98.0	99.7	101.5	101.4	102.8	102.8	102.8	102.8	104.0	105.2	107.6	110.6	115.6	117.6
1200	95.1	96.8	98.5	100.2	102.0	101.9	103.2	103.2	103.2	103.2	104.4	105.6	108.0	111.0	116.1	118.1
1225	95.6	97.3	99.0	100.7	102.5	102.4	103.8	103.8	103.8	103.8	105.0	106.2	108.6	111.6	116.6	118.6
1250	96.1	97.8	99.5	101.2	103.0	102.9	104.2	104.2	104.2	104.2	105.4	106.6	109.0	112.0	117.1	119.1
1275	96.6	98.3	100.0	101.7	103.5	103.4	104.8	104.8	104.8	104.8	106.0	107.2	109.6	112.6	117.6	119.6
1300	97.1	98.8	100.5	102.2	104.0	103.9	105.2	105.2	105.2	105.2	106.4	107.6	110.0	113.0	118.1	120.1
1325	97.6	99.3	101.0	102.7	104.5	104.4	105.8	105.8	105.8	105.8	107.0	108.2	110.6	113.6	118.6	120.6
1350	98.1	99.8	101.5	103.2	105.0	104.9	106.2	106.2	106.2	106.2	107.4	108.6	111.0	114.0	119.1	121.1
1375	98.6	100.3	102.0	103.7	105.5	105.4	106.8	106.8	106.8	106.8	108.0	109.2	111.6	114.6	119.6	121.6
1400	99.1	100.8	102.5	104.2	106.0	105.9	107.2	107.2	107.2	107.2	108.4	109.6	112.0	115.0	120.1	122.1
1425	99.6	101.3	103.0	104.7	106.5	106.4	107.8	107.8	107.8	107.8	109.0	110.2	112.6	115.6	120.6	122.6
1450	100.1	101.8	103.5	105.2	107.0	106.9	108.2	108.2	108.2	108.2	109.4	110.6	113.0	116.0	121.1	123.1
1475	100.6	102.3	104.0	105.7	107.5	107.4	108.8	108.8	108.8	108.8	110.0	111.2	113.6	116.6	121.6	123.6
1500	101.1	102.8	104.5	106.2	108.0	107.9	109.2	109.2	109.2	109.2	110.4	111.6	114.0	117.0	122.1	124.1
1525	101.6	103.3	105.0	106.7	108.5	108.4	109.7	109.7	109.7	109.7	110.9	112.1	114.5	117.5	122.6	124.6
1550	102.1	103.8	105.5	107.2	109.0	108.9	110.2	110.2	110.2	110.2	111.4	112.6	115.0	118.0	123.1	125.1
1575	102.6	104.3	106.0	107.7	109.5	109.4	110.7	110.7	110.7	110.7	111.9	113.1	115.5	118.5	123.6	125.6
1600	103.1	104.8	106.5	108.2	110.0	109.9	111.2	111.2	111.2	111.2	112.4	113.6	116.0	119.0	124.1	126.1
1625	103.6	105.3	107.0	108.7	110.5	110.4	111.7	111.7	111.7	111.7	112.9	114.1	116.5	119.5	124.6	126.6
1650	104.1	105.8	107.5	109.2	111.0	110.9	112.2	112.2	112.2	112.2	113.4	114.6	117.0	120.0	125.1	127.1
1675	104.6	106.3	108.0	109.7	111.5	111.4	112.7	112.7	112.7	112.7	113.9	115.1	117.5	120.5	125.6	127.6
1700	105.1	106.8	108.5	110.2	112.0	111.9	113.2	113.2	113.2	113.2	114.4	115.6	118.0	121.0	126.1	128.1
1725	105.6	107.3	109.0	110.7	112.5	112.4	113.7	113.7	113.7	113.7	114.9	116.1	118.5	121.5	126.6	128.6
1750	106.1	107.8	109.5	111.2	113.0	112.9	114.2	114.2	114.2	114.2	115.4	116.6	119.0	122.0	127.1	129.1
1775	106.6	108.3	110.0	111.7	113.5	113.4	114.7	114.7	114.7	114.7	115.9	117.1	119.5	122.5	127.6	129.6
1800	107.1	108.8	110.5	112.2	114.0	113.9	115.2	115.2	115.2	115.2	116.4	117.6	120.0	123.0	128.1	130.1
1825	10															

RADIAL		FREQ.		SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL				
VEHICLE		250.0		ANGLES FROM 145°														
CONFID		30																
LOC		30																
DATE		12/11/68																
RUN		480																
BAR		29.1																
TAMB		44.0																
TMEY		35.0																
MAGY		8050																
SPEED		825.8																
CRPM		T8536																
TAPE																		
				20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
50		76.9	77.7	77.1	76.5	77.2	79.0	88.1	80.4	80.5	81.8	81.7	83.5	87.2	92.4	92.6	92.6	92.6
63		73.0	74.3	74.6	76.8	76.9	77.7	78.7	79.8	80.2	80.9	81.9	83.9	87.5	92.6	93.4	93.4	93.4
80		73.9	75.3	75.4	76.3	77.1	78.3	79.4	80.4	80.7	81.4	82.1	84.3	88.0	94.0	94.6	94.6	94.6
100		74.8	77.2	77.3	78.3	78.4	79.3	80.3	81.3	81.7	82.4	83.2	84.9	88.2	94.5	95.5	95.5	95.5
125		74.8	77.2	77.3	78.3	78.4	79.3	80.3	81.3	81.7	82.4	83.2	84.9	88.2	94.5	95.5	95.5	95.5
150		73.3	76.4	76.5	77.3	77.4	78.3	79.3	80.3	80.7	81.4	82.1	84.3	88.0	94.0	94.6	94.6	94.6
175		70.6	72.2	72.2	74.3	74.3	75.3	76.3	77.3	77.7	78.4	79.1	80.7	84.4	90.5	91.6	91.6	91.6
200		68.4	70.6	70.6	72.2	72.2	74.3	74.3	75.3	75.7	76.4	77.1	78.7	82.4	88.5	89.6	89.6	89.6
250		62.4	68.4	68.4	70.6	70.6	72.2	72.2	74.3	74.3	75.3	76.3	77.3	80.7	86.8	87.9	87.9	87.9
315		58.4	64.4	64.4	66.5	66.5	68.5	68.5	70.5	70.5	71.5	72.5	73.5	76.9	83.0	84.1	84.1	84.1
400		52.4	58.4	58.4	60.5	60.5	62.5	62.5	64.5	64.5	65.5	66.5	67.5	70.9	77.0	78.1	78.1	78.1
500		48.4	54.4	54.4	56.5	56.5	58.5	58.5	60.5	60.5	61.5	62.5	63.5	66.9	73.0	74.1	74.1	74.1
630		44.4	50.4	50.4	52.5	52.5	54.5	54.5	56.5	56.5	57.5	58.5	59.5	62.9	69.0	70.1	70.1	70.1
800		38.4	44.4	44.4	46.5	46.5	48.5	48.5	50.5	50.5	51.5	52.5	53.5	56.9	63.0	64.1	64.1	64.1
1000		34.4	40.4	40.4	42.5	42.5	44.5	44.5	46.5	46.5	47.5	48.5	49.5	52.9	59.0	60.1	60.1	60.1
1250		30.4	36.4	36.4	38.5	38.5	40.5	40.5	42.5	42.5	43.5	44.5	45.5	48.9	55.0	56.1	56.1	56.1
1500		26.4	32.4	32.4	34.5	34.5	36.5	36.5	38.5	38.5	39.5	40.5	41.5	44.9	51.0	52.1	52.1	52.1
1750		22.4	28.4	28.4	30.5	30.5	32.5	32.5	34.5	34.5	35.5	36.5	37.5	40.9	47.0	48.1	48.1	48.1
2000		18.4	24.4	24.4	26.5	26.5	28.5	28.5	30.5	30.5	31.5	32.5	33.5	36.9	43.0	44.1	44.1	44.1
2500		14.4	20.4	20.4	22.5	22.5	24.5	24.5	26.5	26.5	27.5	28.5	29.5	32.9	39.0	40.1	40.1	40.1
3150		10.4	16.4	16.4	18.5	18.5	20.5	20.5	22.5	22.5	23.5	24.5	25.5	28.9	35.0	36.1	36.1	36.1
4000		6.4	12.4	12.4	14.5	14.5	16.5	16.5	18.5	18.5	19.5	20.5	21.5	24.9	31.0	32.1	32.1	32.1
5000		2.4	8.4	8.4	10.5	10.5	12.5	12.5	14.5	14.5	15.5	16.5	17.5	20.9	27.0	28.1	28.1	28.1
6300		1.4	4.4	4.4	6.5	6.5	8.5	8.5	10.5	10.5	11.5	12.5	13.5	16.9	23.0	24.1	24.1	24.1
8000		0.4	0.4	0.4	2.5	2.5	4.5	4.5	6.5	6.5	7.5	8.5	9.5	12.9	19.0	20.1	20.1	20.1
10000		0.0	0.0	0.0	0.5	0.5	1.5	1.5	3.5	3.5	4.5	5.5	6.5	9.9	16.0	17.1	17.1	17.1

DASPL MEASURED
DASPL CALCULATED

GRAPH 158.2

DIRECTIVITY INDEX

FREQ.		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
50		-7.0	-7.0	-6.5	-7.5	-6.0	-5.0	-5.4	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5
63		-11.1	-10.4	-9.5	-7.5	-7.2	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4
80		-9.4	-8.5	-8.5	-7.4	-7.2	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4
100		-7.7	-7.7	-7.3	-6.5	-6.3	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4
125		-6.4	-6.4	-6.5	-5.5	-5.7	-4.9	-4.9	-4.9	-4.9	-4.9	-4.9	-4.9	-4.9	-4.9	-4.9
150		-5.0	-5.0	-5.4	-4.5	-4.9	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
175		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
200		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
250		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
315		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
400		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
500		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
630		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
800		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
1000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
1250		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
1500		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
1750		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
2000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
2500		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
3150		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
4000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
5000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
6300		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
8000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
10000		-4.7	-4.7	-4.8	-4.0	-4.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4

APPENDIX B

DATA FROM D/V II

(REF. VOLUME I SECTION IV)

SAT: 4/2/69

RACIAL DISTANCE 256

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET															
	0.0	18.0	24.0	32.0	40.0	50.0	60.0	72.0	82.0	92.0	102.0	112.0	120.0	130.0	140.0	150.0
54	-5.23	-7.42	-5.30	-4.60	-3.72	-2.78	-1.79	-2.43	-3.59	-4.97	-7.45	-11.04	-15.04	-19.04	-23.04	-27.04
63	-8.34	-10.12	-7.89	-6.89	-5.72	-4.37	-2.91	-3.17	-4.75	-6.45	-9.43	-12.94	-16.94	-20.94	-24.94	-28.94
83	-13.06	-17.06	-14.45	-12.45	-10.24	-7.89	-5.21	-5.19	-7.28	-9.45	-12.24	-15.75	-19.75	-23.75	-27.75	-31.75
100	-17.04	-22.04	-18.95	-16.45	-13.72	-10.89	-7.89	-7.89	-10.45	-13.24	-16.24	-19.75	-23.75	-27.75	-31.75	-35.75
125	-21.04	-27.04	-23.45	-20.45	-17.24	-13.72	-10.45	-10.45	-13.24	-16.24	-19.75	-23.75	-27.75	-31.75	-35.75	-39.75
150	-25.04	-32.04	-27.45	-24.45	-20.72	-17.24	-13.72	-13.72	-16.45	-19.75	-23.75	-27.75	-31.75	-35.75	-39.75	-43.75
175	-29.04	-37.04	-31.45	-28.45	-24.72	-20.72	-17.24	-17.24	-20.45	-24.75	-29.75	-34.75	-39.75	-44.75	-49.75	-54.75
200	-33.04	-42.04	-35.45	-32.45	-28.72	-24.72	-20.72	-20.72	-24.45	-29.75	-35.75	-41.75	-47.75	-53.75	-59.75	-65.75
225	-37.04	-47.04	-39.45	-36.45	-32.72	-28.72	-24.72	-24.72	-28.45	-34.75	-41.75	-48.75	-55.75	-62.75	-69.75	-76.75
250	-41.04	-52.04	-43.45	-40.45	-36.72	-32.72	-28.72	-28.72	-32.45	-39.75	-47.75	-55.75	-63.75	-71.75	-79.75	-87.75
275	-45.04	-57.04	-47.45	-44.45	-40.72	-36.72	-32.72	-32.72	-36.45	-44.75	-53.75	-62.75	-71.75	-80.75	-89.75	-98.75
300	-49.04	-62.04	-51.45	-48.45	-44.72	-40.72	-36.72	-36.72	-40.45	-49.75	-59.75	-69.75	-79.75	-89.75	-99.75	-109.75
325	-53.04	-67.04	-55.45	-52.45	-48.72	-44.72	-40.72	-40.72	-44.45	-54.75	-65.75	-76.75	-87.75	-98.75	-109.75	-119.75
350	-57.04	-72.04	-59.45	-56.45	-52.72	-48.72	-44.72	-44.72	-48.45	-59.75	-71.75	-83.75	-95.75	-107.75	-119.75	-131.75
375	-61.04	-77.04	-63.45	-60.45	-56.72	-52.72	-48.72	-48.72	-52.45	-64.75	-77.75	-90.75	-103.75	-116.75	-129.75	-142.75
400	-65.04	-82.04	-67.45	-64.45	-60.72	-56.72	-52.72	-52.72	-56.45	-70.75	-84.75	-99.75	-114.75	-129.75	-144.75	-159.75
425	-69.04	-87.04	-71.45	-68.45	-64.72	-60.72	-56.72	-56.72	-60.45	-77.75	-93.75	-109.75	-126.75	-143.75	-160.75	-177.75
450	-73.04	-92.04	-75.45	-72.45	-68.72	-64.72	-60.72	-60.72	-64.45	-85.75	-103.75	-122.75	-142.75	-161.75	-180.75	-199.75
475	-77.04	-97.04	-79.45	-76.45	-72.72	-68.72	-64.72	-64.72	-68.45	-94.75	-114.75	-135.75	-157.75	-178.75	-199.75	-220.75
500	-81.04	-102.04	-83.45	-80.45	-76.72	-72.72	-68.72	-68.72	-72.45	-104.75	-127.75	-150.75	-174.75	-197.75	-220.75	-243.75
525	-85.04	-107.04	-87.45	-84.45	-80.72	-76.72	-72.72	-72.72	-76.45	-115.75	-142.75	-168.75	-195.75	-220.75	-245.75	-270.75
550	-89.04	-112.04	-91.45	-88.45	-84.72	-80.72	-76.72	-76.72	-80.45	-127.75	-160.75	-190.75	-220.75	-247.75	-273.75	-300.75
575	-93.04	-117.04	-95.45	-92.45	-88.72	-84.72	-80.72	-80.72	-84.45	-140.75	-182.75	-216.75	-250.75	-279.75	-307.75	-337.75
600	-97.04	-122.04	-99.45	-96.45	-92.72	-88.72	-84.72	-84.72	-88.45	-155.75	-208.75	-247.75	-286.75	-319.75	-349.75	-380.75
625	-101.04	-127.04	-103.45	-100.45	-96.72	-92.72	-88.72	-88.72	-92.45	-172.75	-238.75	-282.75	-326.75	-364.75	-397.75	-430.75
650	-105.04	-132.04	-107.45	-104.45	-100.72	-96.72	-92.72	-92.72	-96.45	-192.75	-274.75	-324.75	-374.75	-417.75	-455.75	-495.75
675	-109.04	-137.04	-111.45	-108.45	-104.72	-100.72	-96.72	-96.72	-100.45	-215.75	-318.75	-374.75	-430.75	-487.75	-530.75	-575.75
700	-113.04	-142.04	-115.45	-112.45	-108.72	-104.72	-100.72	-100.72	-104.45	-242.75	-372.75	-436.75	-500.75	-564.75	-607.75	-655.75
725	-117.04	-147.04	-119.45	-116.45	-112.72	-108.72	-104.72	-104.72	-108.45	-274.75	-438.75	-508.75	-578.75	-647.75	-700.75	-755.75
750	-121.04	-152.04	-123.45	-120.45	-116.72	-112.72	-108.72	-108.72	-112.45	-314.75	-518.75	-594.75	-670.75	-744.75	-800.75	-855.75
775	-125.04	-157.04	-127.45	-124.45	-120.72	-116.72	-112.72	-112.72	-116.45	-364.75	-618.75	-704.75	-790.75	-870.75	-930.75	-990.75
800	-129.04	-162.04	-131.45	-128.45	-124.72	-120.72	-116.72	-116.72	-120.45	-424.75	-742.75	-838.75	-934.75	-1020.75	-1080.75	-1145.75
825	-133.04	-167.04	-135.45	-132.45	-128.72	-124.72	-120.72	-120.72	-124.45	-494.75	-892.75	-1000.75	-1106.75	-1202.75	-1270.75	-1335.75
850	-137.04	-172.04	-139.45	-136.45	-132.72	-128.72	-124.72	-124.72	-128.45	-574.75	-1072.75	-1200.75	-1316.75	-1412.75	-1490.75	-1555.75
875	-141.04	-177.04	-143.45	-140.45	-136.72	-132.72	-128.72	-128.72	-132.45	-664.75	-1292.75	-1420.75	-1546.75	-1652.75	-1730.75	-1795.75
900	-145.04	-182.04	-147.45	-144.45	-140.72	-136.72	-132.72	-132.72	-136.45	-764.75	-1552.75	-1680.75	-1806.75	-1922.75	-2000.75	-2065.75
925	-149.04	-187.04	-151.45	-148.45	-144.72	-140.72	-136.72	-136.72	-140.45	-874.75	-1852.75	-1980.75	-2126.75	-2252.75	-2330.75	-2395.75
950	-153.04	-192.04	-155.45	-152.45	-148.72	-144.72	-140.72	-140.72	-144.45	-994.75	-2202.75	-2300.75	-2476.75	-2612.75	-2690.75	-2755.75
975	-157.04	-197.04	-159.45	-156.45	-152.72	-148.72	-144.72	-144.72	-148.45	-1124.75	-2612.75	-2720.75	-2896.75	-3042.75	-3120.75	-3185.75
1000	-161.04	-202.04	-163.45	-160.45	-156.72	-152.72	-148.72	-148.72	-152.45	-1264.75	-3082.75	-3200.75	-3396.75	-3552.75	-3630.75	-3695.75

AMBIENT TEMP. 70.00
 REFERENCE TEMP. 60.00
 BAR. PRESSURE 29.87
 ABS. HUMIDITY 12.09

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/L 8/29/69-8

RUN#2 RDM# 6 SPEED#5447

STRAIT ELECTRIC CO.

[illegible]

	DATE	TIME	70-62
ET-013	TEMP.	00.23	
BAB. PRESSURE		29.27	
AES. - VCLTY		12.09	

SCALE MODEL ACQUISITION YES? Y/D 6/20/69 2/2 8/20/69-3

2019 10 27 10:27:58

DATE: 6/22/67

RACIAL DISTANCE 256

PAGE: 1

SOON PRESSURE LEVELS REDUCED AT STANDARD DAY

AREA	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
52	69.15	66.77	67.39	66.59	66.88	66.15	66.41	67.06	67.23	68.08	67.73	68.70	70.38	66.99	70.34	77.15	127.1			
53	62.42	62.23	65.15	65.18	63.11	63.66	63.62	65.03	67.29	66.73	67.73	68.94	70.32	73.13	70.02	77.15	128.1			
54	62.16	61.68	62.19	63.74	63.43	63.68	63.68	65.13	67.29	66.73	67.73	68.94	70.32	73.13	70.02	77.15	129.1			
55	64.32	64.93	65.47	64.31	66.00	68.29	70.38	73.17	74.11	72.05	72.19	72.37	69.19	72.37	69.19	72.37	130.1			
56	62.32	64.27	63.66	63.29	64.11	65.22	66.33	67.42	71.15	68.00	69.56	70.38	69.56	70.38	74.16	72.32	131.1			
57	62.18	62.13	61.68	62.22	63.77	65.16	65.11	67.02	67.11	68.74	68.74	68.74	68.74	68.74	71.15	68.74	132.1			
58	63.12	63.19	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	63.15	133.1			
59	58.13	56.55	64.25	59.53	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	58.11	134.1			
60	58.17	58.16	64.44	61.40	63.17	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	135.1			
61	62.17	62.24	66.22	65.11	66.73	65.11	65.11	65.11	65.11	65.11	65.11	65.11	65.11	65.11	65.11	65.11	136.1			
62	65.02	69.42	69.11	72.25	69.11	69.11	69.11	69.11	69.11	69.11	69.11	69.11	69.11	69.11	69.11	69.11	137.1			
63	66.15	69.48	71.09	71.54	69.48	69.48	69.48	69.48	69.48	69.48	69.48	69.48	69.48	69.48	69.48	69.48	138.1			
64	65.14	68.32	71.32	69.34	73.32	69.34	69.34	69.34	69.34	69.34	69.34	69.34	69.34	69.34	69.34	69.34	139.1			
65	66.14	69.76	72.32	70.49	73.11	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	140.1			
66	66.11	73.27	76.32	75.53	76.32	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	141.1			
67	66.17	71.86	73.06	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	73.34	142.1			
68	66.08	76.59	75.06	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	77.72	143.1			
69	71.19	78.92	70.44	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	81.22	144.1			
70	77.11	82.53	87.06	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	87.52	145.1			
71	67.05	76.96	75.03	76.14	76.96	76.96	76.96	76.96	76.96	76.96	76.96	76.96	76.96	76.96	76.96	76.96	146.1			
72	71.27	76.66	77.26	78.51	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34	147.1			
73	69.16	78.55	79.26	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77	148.1			
74	67.09	75.66	76.28	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	77.11	149.1			
75	63.09	89.46	91.12	91.31	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	92.16	150.1			
76	82.18	87.91	90.15	92.25	91.35	91.35	91.35	91.35	91.35	91.35	91.35	91.35	91.35	91.35	91.35	91.35	151.1			
77	97.29	102.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	152.1			

AMBIENT TEMP. 81.22
 METEOROL TEMP. 57.02
 BAR. PRESSURE 27.27
 ABS. HUMIDITY 12.00

SCALE MODEL ACC-51: TEST T/C 8/28/69 R/C 8/29/69-3

QVALC RDG# 2 SPEED=0021

191.5

OAP#1

DATE: 6/28/62

RADIAL DISTANCE 252

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SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

REQ.	2.2	16.7	2.2	38.8	41.3	51.7	60.2	70.2	80.2	90.2	100.2	110.2	122.2	130.2	140.2	150.2	160.2	172.2	(PWL)
1400	72.94	73.25	71.92	71.45	69.23	72.00	75.34	72.75	73.45	74.06	78.58	71.11	67.88	75.00	78.28	78.28	78.28	78.28	120.2
1400	64.52	64.46	67.50	73.53	55.44	66.63	60.55	73.43	67.96	71.12	69.73	70.04	69.73	75.52	75.01	78.49	78.49	78.49	120.2
1400	65.04	65.09	65.92	65.53	60.82	65.74	60.27	76.41	60.83	69.28	69.09	70.98	69.09	74.45	74.45	77.42	77.42	77.42	120.2
1400	73.04	73.03	73.11	72.13	65.92	72.12	67.75	69.41	72.23	70.42	72.71	74.06	72.27	74.33	74.33	76.24	76.24	76.24	120.2
1400	66.70	67.23	60.32	65.59	60.89	67.14	67.89	68.47	69.17	69.79	72.89	71.02	72.82	72.29	73.00	73.00	73.00	73.00	120.2
1400	67.45	68.20	60.91	65.79	64.67	65.62	67.77	67.93	68.36	68.73	72.35	71.43	72.38	72.30	73.25	73.25	73.25	73.25	120.2
1400	64.70	65.58	64.70	65.22	64.24	62.31	64.77	67.13	68.24	68.36	72.35	71.43	72.38	72.30	73.25	73.25	73.25	73.25	120.2
1400	66.61	67.05	64.71	65.13	66.22	61.98	66.94	69.21	69.36	69.44	72.35	71.43	72.38	72.30	73.25	73.25	73.25	73.25	120.2
1400	61.28	62.74	62.29	62.42	59.91	59.45	60.13	62.59	62.59	62.59	65.44	61.52	62.59	62.59	62.59	62.59	62.59	62.59	120.2
1400	62.44	63.37	63.72	63.44	64.45	62.43	65.14	61.12	62.10	62.10	65.44	61.52	62.59	62.59	62.59	62.59	62.59	62.59	120.2
1400	63.07	63.97	67.49	66.52	67.35	66.21	65.00	65.55	65.34	65.34	68.83	71.02	72.48	69.76	69.80	69.80	69.80	69.80	120.2
1400	60.85	60.27	72.18	71.54	72.33	69.88	72.27	69.55	69.00	70.47	71.24	72.77	73.34	69.73	71.07	71.07	71.07	71.07	120.2
1400	67.02	70.74	73.02	72.03	71.39	71.34	72.00	71.19	72.52	72.52	72.72	72.72	72.72	72.72	72.72	72.72	72.72	72.72	120.2
1400	67.38	71.28	74.17	73.21	72.81	70.36	72.19	71.14	72.22	72.22	72.72	72.72	72.72	72.72	72.72	72.72	72.72	72.72	120.2
1400	60.04	60.76	73.32	74.41	73.06	71.90	74.16	73.14	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	120.2
1400	66.32	73.14	70.67	77.58	77.84	75.04	74.16	73.14	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	120.2
1400	67.75	73.33	75.11	74.06	73.57	73.08	74.16	73.14	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	74.02	120.2
1400	69.11	77.17	75.14	78.13	76.45	77.12	77.12	76.45	77.12	77.12	77.12	77.12	77.12	77.12	77.12	77.12	77.12	77.12	120.2
1400	72.25	79.33	84.48	83.44	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	82.43	120.2
1400	70.85	82.74	89.10	88.04	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	87.03	120.2
1400	68.21	76.84	76.00	77.40	77.40	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	76.03	120.2
1400	71.93	78.58	78.01	80.13	81.88	80.72	82.08	80.72	82.08	82.08	82.08	82.08	82.08	82.08	82.08	82.08	82.08	82.08	120.2
1400	69.12	78.79	79.91	79.41	78.02	77.17	78.02	77.17	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	120.2
1400	68.19	75.79	78.02	77.17	75.78	74.14	75.87	74.14	75.78	75.78	75.78	75.78	75.78	75.78	75.78	75.78	75.78	75.78	120.2
1400	65.91	68.84	67.45	67.34	66.20	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	65.02	120.2
1400	63.91	66.07	65.15	64.57	63.84	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	63.33	120.2
1400	60.93	63.15	62.10	61.43	60.77	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	120.2

MEASURED GASPL
CALCULATED GASPL
PNDH

AMBIENT TEMP. 61.00
METEOROL TEMP. 67.00
BAR. PRESSURE 20.00
ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/O 6/28/69 P/O 6/29/69-3

RUN# 400 9 SPEED 0.15

DATA:

152.7

DATE: 2/28/62

RACIAL DISTANCE 250

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SOON PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM INLET		07.2	72.2	87.2	92.2	100.0	110.0	122.2	132.2	146.2	154.2	164.2	174.2	184.2
5.1	1.99	1.433	1.677	1.633	1.577	1.533	1.477	1.417	1.352	1.282	1.207	1.127	1.042	0.952
5.2	1.983	1.426	1.670	1.626	1.570	1.526	1.470	1.410	1.345	1.275	1.195	1.115	1.030	0.940
5.3	1.973	1.417	1.661	1.617	1.561	1.517	1.461	1.401	1.336	1.266	1.186	1.106	1.021	0.931
5.4	1.962	1.408	1.652	1.608	1.552	1.508	1.452	1.392	1.327	1.257	1.177	1.097	1.012	0.922
5.5	1.952	1.399	1.643	1.599	1.543	1.499	1.443	1.383	1.318	1.248	1.168	1.088	1.003	0.913
5.6	1.941	1.390	1.634	1.590	1.534	1.490	1.434	1.374	1.309	1.239	1.159	1.079	0.994	0.904
5.7	1.931	1.381	1.625	1.581	1.525	1.481	1.425	1.365	1.300	1.230	1.150	1.070	0.985	0.895
5.8	1.920	1.372	1.616	1.572	1.516	1.472	1.416	1.356	1.291	1.221	1.141	1.061	0.976	0.886
5.9	1.910	1.363	1.607	1.563	1.507	1.463	1.407	1.347	1.282	1.212	1.132	1.052	0.967	0.877
6.0	1.900	1.354	1.598	1.554	1.498	1.454	1.398	1.338	1.273	1.203	1.123	1.043	0.958	0.868
6.1	1.890	1.345	1.589	1.545	1.489	1.445	1.389	1.329	1.264	1.194	1.114	1.034	0.949	0.859
6.2	1.880	1.336	1.580	1.536	1.480	1.436	1.380	1.320	1.255	1.185	1.105	1.025	0.940	0.850
6.3	1.870	1.327	1.571	1.527	1.471	1.427	1.371	1.311	1.246	1.176	1.096	1.016	0.931	0.841
6.4	1.860	1.318	1.562	1.518	1.462	1.418	1.362	1.302	1.237	1.167	1.087	1.007	0.922	0.832
6.5	1.850	1.309	1.553	1.509	1.453	1.409	1.353	1.293	1.228	1.158	1.078	0.998	0.913	0.823
6.6	1.840	1.300	1.544	1.500	1.444	1.400	1.344	1.284	1.219	1.149	1.069	0.989	0.904	0.814
6.7	1.830	1.291	1.535	1.491	1.435	1.391	1.335	1.275	1.210	1.140	1.060	0.980	0.895	0.805
6.8	1.820	1.282	1.526	1.482	1.426	1.382	1.326	1.266	1.201	1.131	1.051	0.971	0.886	0.796
6.9	1.810	1.273	1.517	1.473	1.417	1.373	1.317	1.257	1.192	1.122	1.042	0.962	0.877	0.787
7.0	1.800	1.264	1.508	1.464	1.408	1.364	1.308	1.248	1.183	1.113	1.033	0.953	0.868	0.778
7.1	1.790	1.255	1.499	1.455	1.400	1.356	1.300	1.240	1.175	1.105	1.025	0.945	0.860	0.770
7.2	1.780	1.246	1.490	1.446	1.390	1.346	1.290	1.230	1.165	1.095	1.015	0.935	0.850	0.760
7.3	1.770	1.237	1.481	1.437	1.381	1.337	1.281	1.221	1.156	1.086	1.006	0.926	0.841	0.751
7.4	1.760	1.228	1.472	1.428	1.372	1.328	1.272	1.212	1.147	1.077	0.997	0.917	0.832	0.742
7.5	1.750	1.219	1.463	1.419	1.363	1.319	1.263	1.203	1.138	1.068	0.988	0.908	0.823	0.733
7.6	1.740	1.210	1.454	1.410	1.354	1.310	1.254	1.194	1.129	1.059	0.979	0.899	0.814	0.724
7.7	1.730	1.201	1.445	1.401	1.345	1.301	1.245	1.185	1.120	1.050	0.970	0.890	0.805	0.715
7.8	1.720	1.192	1.436	1.392	1.336	1.292	1.236	1.176	1.111	1.041	0.961	0.881	0.796	0.706
7.9	1.710	1.183	1.427	1.383	1.327	1.283	1.227	1.167	1.102	1.032	0.952	0.872	0.787	0.697
8.0	1.700	1.174	1.418	1.374	1.318	1.274	1.218	1.158	1.093	1.023	0.943	0.863	0.778	0.688
8.1	1.690	1.165	1.409	1.365	1.309	1.265	1.209	1.149	1.084	1.014	0.934	0.854	0.769	0.679
8.2	1.680	1.156	1.400	1.356	1.300	1.256	1.200	1.140	1.075	1.005	0.925	0.845	0.760	0.670
8.3	1.670	1.147	1.391	1.347	1.291	1.247	1.191	1.131	1.066	0.996	0.916	0.836	0.751	0.661
8.4	1.660	1.138	1.382	1.338	1.282	1.238	1.182	1.122	1.057	0.987	0.907	0.827	0.742	0.652
8.5	1.650	1.129	1.373	1.329	1.273	1.229	1.173	1.113	1.048	0.978	0.898	0.818	0.733	0.643
8.6	1.640	1.120	1.364	1.320	1.264	1.220	1.164	1.104	1.039	0.969	0.889	0.809	0.724	0.634
8.7	1.630	1.111	1.355	1.311	1.255	1.211	1.155	1.095	1.030	0.960	0.880	0.800	0.715	0.625
8.8	1.620	1.102	1.346	1.302	1.246	1.202	1.146	1.086	1.021	0.951	0.871	0.791	0.706	0.616
8.9	1.610	1.093	1.337	1.293	1.237	1.193	1.137	1.077	1.012	0.942	0.862	0.782	0.697	0.607
9.0	1.600	1.084	1.328	1.284	1.228	1.184	1.128	1.068	1.003	0.933	0.853	0.773	0.688	0.598
9.1	1.590	1.075	1.319	1.275	1.219	1.175	1.119	1.059	0.994	0.924	0.844	0.764	0.679	0.589
9.2	1.580	1.066	1.310	1.266	1.210	1.166	1.110	1.050	0.985	0.915	0.835	0.755	0.670	0.580
9.3	1.570	1.057	1.301	1.257	1.201	1.157	1.101	1.041	0.976	0.906	0.826	0.746	0.661	0.571
9.4	1.560	1.048	1.292	1.248	1.192	1.148	1.092	1.032	0.967	0.897	0.817	0.737	0.652	0.562
9.5	1.550	1.039	1.283	1.239	1.183	1.139	1.083	1.023	0.958	0.888	0.808	0.728	0.643	0.553
9.6	1.540	1.030	1.274	1.230	1.174	1.130	1.074	1.014	0.949	0.879	0.799	0.719	0.634	0.544
9.7	1.530	1.021	1.265	1.221	1.165	1.121	1.065	1.005	0.940	0.870	0.790	0.710	0.625	0.535
9.8	1.520	1.012	1.256	1.212	1.156	1.112	1.056	0.996	0.931	0.861	0.781	0.701	0.616	0.526
9.9	1.510	1.003	1.247	1.203	1.147	1.103	1.047	0.987	0.922	0.852	0.772	0.692	0.607	0.517
10.0	1.500	0.994	1.238	1.194	1.138	1.094	1.038	0.978	0.913	0.843	0.763	0.683	0.598	0.508

AMBIENT TEMP. 81.02
STATION TEMP. 87.82
BAR. PRESSURE 29.25
WIND. T. H. 12.66

SCALE "CUEL ACUSTIC TEST T/W 6/28/69 R/D 6/29/69-3

RUN#2 AC3= 9 SPEAKER#15.

SCU-42 2-55-56 LEVELS REDUCED AT STANDARDS DAY

[illegible]

ANALYST	TEMP.	61.30
DET-BUILD	TEMP.	67.88
BAR.	PRESSURE	29.86
ADS.	HUMIDITY	12.66

SCALE MODEL ACOUSTIC TEST T/O 8/28/69 R/D 2/29/69-3

5P62006437

U4#2
ACG019

DECLASS

DATE: 0/00/00

RADIAL DISTANCE 292

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	5.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
50	-7.77	-6.25	-3.32	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06
63	-6.76	-5.33	-2.32	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06
80	-5.71	-4.78	-1.78	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
100	-5.41	-4.43	-1.43	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15
125	-5.28	-4.28	-1.28	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
160	-5.14	-4.14	-1.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14
200	-5.00	-4.00	-1.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
250	-4.86	-3.86	-0.86	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
315	-4.72	-3.72	-0.72	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
400	-4.58	-3.58	-0.58	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
500	-4.44	-3.44	-0.44	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
630	-4.30	-3.30	-0.30	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
800	-4.16	-3.16	-0.16	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
1000	-4.02	-3.02	-0.02	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
1250	-3.88	-2.88	-0.18	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
1600	-3.74	-2.74	-0.04	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
2000	-3.60	-2.60	-0.10	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
2500	-3.46	-2.46	-0.26	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
3150	-3.32	-2.32	-0.32	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
4000	-3.18	-2.18	-0.48	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
5000	-3.04	-2.04	-0.54	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
6300	-2.90	-1.90	-0.60	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
8000	-2.76	-1.76	-0.66	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
10000	-2.62	-1.62	-0.72	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00

B11

AMBIENT TEMP 61.00
WET-BULB TEMP 67.00
BAR. PRESSURE 29.00
AOS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 0/20/00 R/D 0/20/00-8

RUN#2 R00=10 SPEED=0037

DATE: 9/ 3/59

RADIAL DISTANCE 254

PAGE: 1

SOON PRESSURE LEVELS REDUCED AT STANDARD DAY

		ANGLES FROM INLET									
		16.0	20.0	32.2	40.0	50.0	60.0	70.0	80.0	90.0	100.0
1-5	75.45	72.63	72.12	74.42	74.02	74.32	74.12	74.12	74.12	74.12	74.12
6	74.24	73.38	73.18	74.44	74.04	74.34	74.14	74.14	74.14	74.14	74.14
8	66.57	67.21	67.04	67.12	67.12	67.12	67.12	67.12	67.12	67.12	67.12
102	71.99	72.47	72.34	71.37	69.42	69.74	72.26	71.22	73.56	72.53	73.18
125	67.76	68.26	68.19	67.19	67.30	66.48	72.24	71.62	73.56	72.53	73.18
142	65.52	67.20	65.58	65.24	66.22	67.19	68.71	69.79	78.59	71.74	72.37
162	65.46	65.98	64.74	65.12	65.37	65.17	67.87	72.24	78.59	71.74	72.37
182	64.99	65.77	63.16	61.22	62.47	63.74	65.23	66.15	67.78	68.84	68.27
202	62.27	56.84	62.97	62.35	60.99	61.42	63.92	63.76	64.49	64.72	63.89
222	63.11	53.57	65.94	65.74	64.93	62.59	61.69	63.16	63.16	63.16	63.16
242	60.56	60.95	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
262	68.06	69.89	71.57	73.02	71.84	71.25	71.87	72.05	71.72	73.28	73.05
282	69.32	71.22	71.48	73.02	72.21	72.44	72.22	72.65	72.96	73.21	72.84
302	64.12	73.21	73.43	73.84	73.56	71.78	71.76	72.65	73.68	74.49	72.75
322	61.64	71.14	74.13	74.72	74.29	73.23	71.34	72.17	72.62	73.20	73.04
342	72.72	72.83	77.82	77.22	78.28	78.49	74.70	75.63	75.84	77.15	76.87
362	68.41	75.45	77.06	78.08	77.82	79.13	75.41	74.59	75.61	76.17	76.33
382	68.72	75.46	74.75	77.98	78.32	78.17	79.33	76.71	78.70	79.35	78.58
402	72.98	80.48	81.28	82.37	82.48	81.48	80.24	81.22	82.26	82.53	82.86
422	78.36	82.51	88.35	88.59	87.77	86.66	85.75	87.19	88.59	89.44	88.68
442	72.26	78.12	78.95	78.25	77.63	79.19	80.17	79.84	80.87	80.48	79.05
462	73.32	79.14	79.23	83.18	81.88	81.95	80.92	85.99	86.15	85.45	83.85
482	69.71	79.49	84.33	76.79	79.43	76.24	88.68	79.36	88.80	79.58	89.87
502	67.27	75.32	77.18	75.13	75.86	75.17	75.18	75.45	77.81	76.64	78.52
522	85.55	90.26	93.17	92.85	93.87	93.37	94.73	93.15	93.49	93.14	92.48
542	84.14	88.89	91.14	91.47	92.08	92.23	90.51	91.92	92.25	92.09	92.85
562	99.20	103.0	123.4	121.7	106.5	107.0	105.7	106.6	106.9	106.5	106.5

MEASURED CASPL
CALCULATED FICB

152.9

CAPML:

AMBIENT TEMP: 91.042
WET-BULB TEMP: 67.806
BAR. PRESSURE: 29.806
AIR HUMIDITY: 12.86

SCALE MODEL ACQUISITION TEST 7/- 0/28/59 8/5.9/3/59-3

RU-02 HUG-11 SPEC-00502

DATE: 9/23/69

RACIAL DISTANCE 254

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLE FROM INLET									
	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°
57	-1.99	-1.07	-3.39	-4.12	-4.59	-3.41	-2.94	-2.05	-2.03	-0.95
63	-7.49	-6.23	-3.32	-3.41	-3.46	-5.19	-4.06	-1.91	-3.21	-1.07
67	-4.02	-4.26	-3.18	-2.19	-4.11	-4.15	-3.26	-2.22	-1.97	-1.06
72	-5.11	-5.16	-5.18	-2.19	-4.08	-3.59	-1.99	-1.02	-1.32	-1.01
77	-6.05	-5.72	-7.19	-1.15	-6.17	-3.21	-1.02	-9.21	-2.124	-1.35
82	-6.07	-5.24	-6.22	-0.24	-4.94	-3.59	-2.52	-1.39	-0.925	-0.92
87	-6.09	-5.12	-6.22	-4.59	-5.82	-4.19	-2.78	-1.78	-0.239	-1.79
92	-6.15	-6.16	-7.74	-0.32	-6.94	-5.08	-3.67	-1.91	-3.075	-4.08
97	-3.15	-1.85	-1.12	-1.03	-2.36	-3.38	-2.12	-1.18	-2.32	-1.38
102	-3.16	-3.98	-2.12	-1.13	-1.78	-3.94	-4.87	-4.18	-1.97	-0.994
107	-4.09	-3.03	-2.52	-1.55	-1.23	-2.23	-2.43	-2.79	-1.82	-0.955
112	-5.07	-3.25	-2.45	-1.84	-1.88	-1.56	-0.84	-1.43	-1.41	-1.388
117	-5.09	-3.92	-2.42	-1.83	-1.88	-2.22	-1.21	-1.01	-1.75	-1.441
122	-4.13	-1.42	-0.81	-1.69	-3.78	-2.64	-1.42	-1.38	-1.237	-1.228
127	-4.74	-1.84	-0.86	-1.22	-2.218	-2.84	-1.24	-1.58	-1.23	-0.989
132	-7.19	-2.79	-3.30	-1.256	-1.894	-1.86	-1.48	-1.72	-0.376	-0.978
137	-6.19	-1.15	-1.312	-1.478	-3.25	-1.73	-1.32	-1.83	-2.84	-0.59
142	-8.12	-2.67	-1.84	-2.23	-3.878	-0.88	-1.06	-1.79	-0.877	-2.085
147	-8.12	-4.13	-0.88	-0.6	-3.859	-1.79	-0.81	-2.89	-0.486	-1.797
152	-8.14	-1.19	-1.972	-1.64	-2.187	-2.187	-1.05	-1.89	-2.832	-1.61
157	-9.08	-4.09	-1.06	-2.05	-3.15	-1.27	-1.51	-1.15	-1.895	-1.47
162	-12.5	-4.29	-3.82	-2.38	-2.44	-1.95	-2.49	-2.32	-3.085	-1.48
167	-9.05	-3.64	-1.15	-1.68	-1.88	-1.36	-1.81	-1.94	-1.88	-1.19
172	-12.1	-1.38	-2.22	-1.82	-1.82	-1.31	-2.12	-1.11	-0.332	-1.08

APPLANT TEMP 81.00
NET-BULB TEMP 67.00
BAR PRESSURE 26.20
AIR HUMIDITY 52.00

SCALE WHEEL ACUSTIC TEST T/W 8/28/69 R/C 9/3/69-3

R-082 403012 SPEND=0007

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLAIS 301

	7.2	10.2	27.7	37.	47.	57.7	67.0	72.7	82.2	92.8	107.0	112.0	122.0	130.7	142.0	152.7	160.0 (PHL)
FRUE:	73.39	73.10	71.76	71.29	71.12	71.02	71.53	72.41	73.57	75.59	75.11	75.93	77.39	78.73	80.55	82.61	84.93
54	74.29	73.89	73.03	70.26	74.37	73.85	73.49	74.64	74.33	74.35	76.35	77.34	78.69	79.92	81.42	83.48	85.22
63	77.13	77.43	75.06	73.74	73.74	73.86	74.74	74.84	74.84	74.84	76.39	77.34	78.69	79.92	81.42	83.48	85.22
67	69.87	70.37	72.46	71.29	71.97	72.35	73.48	75.22	75.22	75.22	76.39	77.34	78.69	79.92	81.42	83.48	85.22
122	72.28	73.53	72.55	72.14	74.94	76.12	77.49	77.42	78.44	80.46	82.82	85.36	87.90	90.43	92.95	95.47	97.98
15	46.37	72.33	69.27	72.24	71.25	72.09	74.05	74.05	74.05	76.22	77.20	78.55	79.71	80.77	81.77	82.72	83.62
16	69.08	72.59	60.15	68.12	68.59	69.53	72.05	73.46	73.46	73.46	75.15	76.03	76.71	77.10	77.39	77.51	77.59
223	66.99	66.61	65.17	63.63	64.44	67.32	68.29	69.29	72.55	74.55	76.47	78.47	80.47	82.47	84.47	86.47	88.47
238	64.15	64.54	66.46	65.03	64.34	62.58	65.43	66.45	68.25	69.45	71.45	73.45	75.45	77.45	79.45	81.45	83.45
375	60.32	68.27	67.37	72.33	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48	68.48
412	69.32	71.83	71.59	72.22	72.75	72.45	72.39	72.59	72.59	72.59	72.59	72.59	72.59	72.59	72.59	72.59	72.59
547	72.33	72.33	72.75	74.24	74.80	74.51	74.93	75.72	75.72	75.72	75.72	75.72	75.72	75.72	75.72	75.72	75.72
803	72.34	72.34	72.71	73.59	73.70	75.21	76.88	77.27	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65	77.65
1252	68.09	71.61	72.08	72.32	73.43	72.28	72.92	74.59	76.82	77.87	77.87	77.87	77.87	77.87	77.87	77.87	77.87
1283	68.01	70.54	73.50	70.99	77.03	74.68	71.90	73.44	75.83	77.44	79.14	80.84	82.54	84.24	85.94	87.64	89.34
1323	62.58	72.23	74.77	73.69	77.33	74.32	72.82	74.43	76.43	78.43	80.43	82.43	84.43	86.43	88.43	90.43	92.43
2222	67.55	71.47	72.46	73.08	75.17	75.36	75.26	75.73	75.73	75.73	75.73	75.73	75.73	75.73	75.73	75.73	75.73
2553	68.54	74.96	73.92	77.19	79.73	80.63	81.09	81.09	81.09	81.09	81.09	81.09	81.09	81.09	81.09	81.09	81.09
3117	73.26	78.34	79.82	80.41	82.71	84.33	84.11	85.19	87.09	88.79	90.49	92.19	93.89	95.59	97.29	98.99	100.69
4827	73.69	78.4	81.72	80.66	81.46	83.29	82.29	82.99	84.99	86.99	88.99	90.99	92.99	94.99	96.99	98.99	100.99
5277	76.02	87.43	87.53	88.99	88.12	91.23	91.74	92.27	93.27	94.27	95.27	96.27	97.27	98.27	99.27	100.27	101.27
6332	71.57	77.39	78.39	79.39	80.39	8											

GAPHL: 154.0

DATE	TIME	02, 08
10-11-11	11:00	13, 21
10-11-11	11:00	20, 22
10-11-11	11:00	09, 02
10-11-11	11:00	02, 08

STATE - CDEL ACOUSTIC TEST T/C 8-28-69 R/C 9/3/69-3

PL 102 RC 14 SPEED 743A

DATE: 9/3/59

RADIAL DISTANCE 252

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SOIL PRESSURE LEVELS DIRECTIVITY INDEX

		ANGLES FROM N.E.T									
		2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
100	3.55	-1.56	-4.99	-5.05	-5.32	-5.21	-4.73	-3.17	-2.15	-1.64	-0.14
50	-4.21	-4.42	-4.69	-2.05	-3.94	-5.26	-4.81	-3.55	-1.90	-1.05	-0.66
0	-6.22	-3.12	-3.62	-2.57	-2.68	-3.98	-3.85	-2.91	-2.92	-1.85	-0.79
10	-7.35	-6.55	-6.36	-5.73	-5.85	-4.67	-3.34	-1.79	-0.81	-0.51	-0.59
20	-8.86	-8.39	-8.61	-6.99	-5.15	-3.83	-1.94	-1.04	-0.92	-1.34	-2.88
30	-7.28	-5.32	-6.42	-6.69	-5.42	-4.41	-2.76	-1.28	-0.83	-1.53	-1.55
40	-4.26	-3.35	-5.75	-5.84	-5.35	-4.42	-3.29	-1.45	-1.29	-1.19	-0.64
50	-4.67	-4.16	-6.69	-7.63	-6.45	-5.04	-2.57	-1.57	-1.08	-0.99	-0.65
60	-3.14	-3.25	-9.31	-1.93	-3.23	-5.21	-3.96	-3.14	-0.84	-2.96	-1.18
70	-3.62	-3.37	-2.45	-1.93	-2.15	-3.75	-4.99	-3.41	-1.58	-1.13	-0.42
80	-5.46	-2.93	-2.17	-1.54	-0.81	-2.38	-2.37	-2.41	-2.41	-2.41	-0.23
90	-6.23	-4.35	-3.62	-1.62	-2.79	-1.85	-1.44	-0.86	-0.59	-0.45	-0.24
100	-6.85	-4.11	-3.47	-3.63	-3.39	-2.17	-1.12	-0.93	-0.72	-0.77	-0.29
110	-6.24	-3.13	-1.95	-2.64	-2.51	-2.66	-2.81	-0.88	-0.69	-0.99	-1.71
120	-5.79	-3.57	-0.55	-1.61	-2.19	-2.12	-2.41	-0.88	-0.55	-1.16	-1.40
130	-6.33	-3.65	-1.22	-2.23	-1.28	-0.45	-0.76	-0.43	-0.31	-0.43	-0.43
140	-7.23	-3.22	-2.22	-1.82	-1.84	-0.87	-0.70	-0.28	-0.28	-0.28	-0.28
150	-9.93	-3.49	-4.35	-1.27	-1.29	-2.33	-3.49	-1.11	-1.74	-1.67	-1.67
160	-8.52	-3.44	-2.76	-1.37	-0.39	-2.52	-2.32	-1.42	-1.48	-1.38	-1.38
170	-7.37	-2.12	-6.35	-3.59	-4.06	-2.23	-1.23	-1.89	-1.46	-0.79	-0.79
180	-9.42	-5.83	-4.86	-0.77	-1.23	-3.26	-3.94	-1.25	-1.19	-1.12	-1.12
190	-8.82	-2.59	-2.29	-1.35	-0.84	-1.85	-1.45	-2.75	-2.17	-1.92	-1.92
200	-8.37	-1.59	-1.10	-1.19	-0.85	-2.12	-1.29	-2.37	-2.63	-1.91	-1.91
210	-7.58	-2.12	-2.68	-2.03	-2.00	-2.12	-2.87	-2.89	-1.42	-1.39	-1.39

ALTS: SUPP
= 82.42
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SCALE: MODEL ACQUISITION TEST Y/C 8/28/59 9/ 9/3/60-3

ALTS: 40824 SPEED: 7454

9/3/69

33-1 9 3886-106 1 EVERI S 131-0480 17 STAN 0480 MAY

FREQ.	ANGLES FROM INLET									
	2.2	2.7	3.2	3.7	4.2	4.7	52.0	56.8	60.8	64.8
135.5	74.14	74.38	72.87	72.16	72.41	72.99	73.32	74.37	74.11	75.41
135.4	69.87	72.51	71.21	73.26	72.21	72.04	72.41	78.35	74.36	76.23
135.4	72.67	71.71	72.25	72.84	72.98	71.73	72.92	74.29	74.59	77.21
135.4	71.43	72.22	72.52	72.63	72.37	73.18	74.41	75.07	78.93	78.22
135.4	71.37	72.5	72.19	72.80	71.37	75.09	75.79	75.49	77.64	80.11
135.4	68.32	72.52	69.44	72.26	71.15	72.82	73.81	74.02	75.52	78.90
135.4	67.42	68.75	68.28	69.69	69.09	70.4	71.61	74.35	74.47	75.69
135.4	66.42	65.35	65.85	66.39	65.08	67.36	69.15	69.51	72.30	73.66
135.4	63.47	64.41	67.24	66.48	65.41	63.5	64.72	67.15	68.25	69.46
135.4	64.47	62.00	60.79	72.13	65.93	68.22	67.84	68.54	68.14	71.88
135.4	72.81	72.25	72.16	74.24	72.72	72.93	72.63	73.82	73.04	76.82
135.4	71.84	73.45	73.66	76.15	75.24	76.23	76.26	75.79	76.79	77.44
135.4	71.49	73.38	74.43	75.13	73.96	75.2	76.62	77.44	79.07	80.13
135.4	69.46	72.88	72.85	72.68	73.69	73.44	74.32	74.71	75.42	77.81
135.4	72.57	72.74	74.24	77.15	68.60	70.42	77.87	79.71	76.69	78.95
135.4	72.82	72.47	77.36	68.47	64.63	64.43	62.27	64.44	62.80	68.92
135.4	71.74	74.34	76.43	79.29	85.02	84.59	83.55	82.39	82.16	79.56
135.4	72.38	78.32	77.11	92.19	85.11	87.08	88.93	84.28	84.38	82.72
135.4	73.32	82.55	81.31	84.59	87.98	86.41	87.83	85.66	85.27	83.63
135.4	74.12	78.74	82.31	82.15	84.42	85.07	82.89	83.73	81.37	82.28
135.4	74.23	78.79	86.16	87.61	85.60	87.5	92.81	94.07	91.02	88.59
135.4	72.99	78.80	79.32	81.13	83.11	82.11	83.74	82.18	81.84	81.27
135.4	78.89	77.66	77.81	77.68	78.93	78.48	81.41	82.99	81.45	79.44
135.4	78.78	77.17	76.39	77.68	79.84	79.83	81.26	81.43	81.34	81.98
135.4	78.78	77.17	76.39	77.68	79.84	79.83	81.26	81.43	81.34	81.98

1983

4-01E-7 YEP:	42.00
4-01E-8 YEP:	60.00
4-01E-9 YEP:	20.25
4-01E-10 YEP:	13.21

SEARCH CODE	ALPHABETIC	YES	T/O	8/28/80	3/0 9/1/80-1
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DATE: 7/3/60

RADIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	22.2		44.4		88.8		177.6		355.2		710.4		1420.8		2841.6		5683.2		11366.4	
	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4	22.2	44.4
50	-3.59	-3.35	-4.86	-5.57	-5.33	-4.75	-4.72	-3.36	-3.62	-2.33	-1.93	-1.43	-1.03	-0.73	-0.43	-0.13	0.17	0.47	0.77	1.07
55	-8.03	-8.35	-7.29	-5.23	-6.29	-5.86	-6.39	-1.09	-4.14	-2.27	-1.29	-0.54	-0.19	0.14	0.49	0.84	1.19	1.54	1.89	2.24
60	-7.53	-6.19	-5.85	-5.25	-5.33	-4.15	-4.98	-1.01	-3.33	-2.14	-0.85	-0.16	0.14	0.48	0.83	1.18	1.53	1.88	2.23	2.58
65	-6.99	-5.74	-5.59	-5.39	-5.25	-4.64	-3.61	-1.15	-2.37	-1.09	-0.81	-0.46	0.21	0.59	0.94	1.29	1.64	1.99	2.34	2.69
70	-7.17	-6.66	-6.26	-6.39	-4.47	-2.95	-3.45	-2.49	-0.94	-0.83	-1.13	-1.53	-1.93	-2.33	-2.73	-3.13	-3.53	-3.93	-4.33	-4.73
75	-8.07	-5.97	-6.94	-6.33	-5.35	-3.87	-2.58	-1.77	-0.88	-0.73	-1.23	-1.63	-2.03	-2.43	-2.83	-3.23	-3.63	-4.03	-4.43	-4.83
80	-7.33	-5.59	-6.37	-4.55	-5.15	-4.27	-2.94	-1.93	-0.94	-0.84	-1.34	-1.74	-2.14	-2.54	-2.94	-3.34	-3.74	-4.14	-4.54	-4.94
85	-4.58	-5.06	-3.16	-1.59	-5.11	-3.73	-1.85	-1.25	1.45	3.24	2.84	2.44	2.04	1.64	1.24	0.84	0.44	0.04	-0.36	-0.76
90	-4.93	-4.19	-1.27	-2.98	-3.99	-4.56	-3.99	-3.39	-2.79	-2.19	-1.59	-0.99	-0.39	0.21	0.81	1.41	2.01	2.61	3.21	3.81
95	-5.94	-3.15	-3.86	-1.72	-3.28	-4.15	-3.93	-3.34	-2.74	-2.14	-1.54	-0.94	-0.34	0.26	0.86	1.46	2.06	2.66	3.26	3.86
100	-5.66	-3.42	-3.51	-1.44	-2.95	-2.45	-2.74	-2.84	-2.95	-3.05	-3.15	-3.25	-3.35	-3.45	-3.55	-3.65	-3.75	-3.85	-3.95	-4.05
105	-6.16	-4.25	-3.91	-1.35	-2.26	-1.47	-1.14	-1.72	-0.78	-0.55	-1.23	-1.73	-2.23	-2.73	-3.23	-3.73	-4.23	-4.73	-5.23	-5.73
110	-0.15	-4.55	-3.52	-2.81	-1.86	-2.42	-1.82	-1.94	-0.94	-0.72	-1.49	-1.99	-2.49	-2.99	-3.49	-3.99	-4.49	-4.99	-5.49	-5.99
115	-6.86	-4.64	-2.88	-2.87	-1.94	-1.69	-1.21	-0.16	-1.88	-1.82	-2.99	-2.61	-1.51	-0.39	0.73	1.33	1.93	2.53	3.13	3.73
120	-6.92	-4.79	-3.45	-3.47	-1.72	-1.99	-1.71	-0.219	-0.799	-1.45	-2.23	-2.83	-3.43	-4.03	-4.63	-5.23	-5.83	-6.43	-7.03	-7.63
125	-9.06	-6.21	-4.32	-1.22	-2.915	-3.174	-2.595	-2.769	-0.62	-1.75	-0.85	-0.10	-0.17	-0.25	-0.33	-0.41	-0.49	-0.57	-0.65	-0.73
130	-9.12	-2.11	-4.43	-1.77	-2.918	-3.539	-2.492	-1.343	-1.122	-0.37	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33
135	-11.6	-5.32	-6.82	-4.44	-1.402	-3.451	-4.386	-3.185	-0.884	-0.12	-0.35	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33
140	-9.82	-4.57	-3.51	-1.22	-2.794	-3.592	-2.788	-1.939	-1.496	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39
145	-8.26	-3.44	-1.79	-1.39	-2.238	-2.881	-2.295	-1.543	-0.97	-0.21	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32
150	-7.32	-0.21	-1.09	-1.036	-4.333	-1.926	-2.703	-3.75	-2.709	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59
155	-8.16	-2.27	-1.89	-1.672	-1.942	-1.243	-0.91	-1.214	-0.301	-0.43	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
160	-8.24	-3.46	-2.33	-2.22	-1.42	-1.243	-0.51	-2.125	-1.694	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
165	-9.09	-3.25	-3.99	-2.71	-1.35	-0.628	-0.729	-1.237	-0.247	-1.193	-1.343	-1.343	-1.343	-1.343	-1.343	-1.343	-1.343	-1.343	-1.343	-1.343

TEST: 1500
TEMP: 68.00
BAR: 29.25
HRS: 13.21

SCALE: COEF ACOUSTIC TEST T/D 8/28/59 P/C 9/3/60-3

NO. 20 40614 SPEED=7772

RADIAL DISTANCE 252

DATE 9/3/67

STUDY PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET															
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2
5	-4.23	-3.94	-5.19	-6.26	-5.58	-5.23	-4.73	-3.55	-3.59	-2.24	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
6	-0.83	-0.54	-0.96	-0.37	-0.74	-0.77	-0.23	-0.16	-0.24	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
7	-7.79	-6.95	-6.75	-6.19	-4.62	-4.91	-4.24	-3.22	-2.75	-1.35	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
8	-9.25	-7.05	-7.55	-6.32	-5.64	-4.98	-3.64	-2.26	-1.67	-1.31	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
9	-8.12	-5.72	-7.72	-6.34	-5.87	-5.08	-4.92	-2.81	-1.88	-1.16	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
10	-8.12	-5.72	-7.72	-6.34	-5.87	-5.08	-4.92	-2.81	-1.88	-1.16	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
11	-6.75	-4.95	-7.27	-6.19	-4.91	-4.23	-3.29	-1.99	-1.54	-1.25	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
12	-3.37	-3.23	-4.81	-5.89	-4.43	-3.32	-1.94	-0.64	-1.24	-1.25	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
13	-3.14	-4.42	-1.09	-2.91	-3.42	-3.81	-3.09	-1.49	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59
14	-6.81	-4.32	-3.92	-3.48	-3.19	-4.59	-5.19	-4.17	-4.22	-1.72	-0.83	-0.83	-0.83	-0.83	-0.83	-0.83
15	-7.02	-4.17	-4.71	-2.97	-3.49	-3.12	-3.26	-2.42	-2.33	-1.34	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26
16	-7.94	-4.37	-3.77	-1.66	-2.45	-2.34	-1.83	-1.55	-0.88	-1.36	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35
17	-7.24	-4.36	-3.36	-1.84	-1.67	-2.92	-1.54	-0.58	-0.58	-2.26	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
18	-6.59	-3.35	-1.63	-0.87	-1.39	-0.62	-1.53	-0.63	-0.63	-2.55	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92
19	-13.0	-9.59	-4.43	-3.46	-3.35	-2.81	-2.94	-2.94	-2.94	-3.75	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42
20	-13.9	-7.72	-4.97	-3.67	-3.33	-4.82	-2.28	-1.24	-1.24	-1.99	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46
21	-12.1	-4.37	-2.34	-1.74	-3.12	-3.08	-2.12	-1.57	-1.57	-1.32	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
22	-12.4	-3.35	-4.23	-0.32	-1.74	-0.27	-3.87	-3.27	-3.27	-1.32	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
23	-12.4	-3.35	-4.23	-0.32	-1.74	-0.27	-3.87	-3.27	-3.27	-1.32	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
24	-8.17	-3.27	-1.82	-7.49	-2.94	-1.21	-2.12	-1.64	-1.64	-1.51	-1.58	-1.58	-1.58	-1.58	-1.58	-1.58
25	-11.7	-3.61	-1.28	-8.21	-2.51	-2.15	-2.84	-2.83	-2.83	-1.67	-1.51	-1.51	-1.51	-1.51	-1.51	-1.51
26	-10.3	-7.92	-0.51	-4.98	-1.88	-1.675	-1.675	-1.359	-1.359	-1.437	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
27	-9.81	-2.24	-1.48	-2.28	-1.84	-1.21	-3.109	-1.745	-1.745	-1.73	-1.73	-1.73	-1.73	-1.73	-1.73	-1.73
28	-11.7	-3.22	-1.74	-2.33	-1.87	-2.25	-1.642	-0.512	-0.512	-0.521	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72

ANGLE LEVEL 82.22
STUDY LEVEL 88.22
RADIAL DISTANCE 29.25
ABS. DIRECTIVITY 23.21

SCALE OF ACOUSTIC TEST T/D 8/28/59 R/C 9/3/60-3

FLYER R0814 SPEED 7948

DATE: 9/3/69

RADIAL DISTANCE 252

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLE FROM INLET										CAPHL					
	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0						
50	75.46	75.10	74.29	73.32	73.07	73.72	74.59	75.15	75.61	77.44	78.00	79.34	75.22	86.35	89.66	137.1
55	72.35	72.28	71.34	70.26	72.58	73.54	73.08	73.67	75.12	76.05	78.07	82.62	78.59	87.29	90.88	138.8
60	72.24	72.34	72.61	73.53	73.79	74.16	74.99	76.24	76.35	78.05	79.47	81.33	86.52	89.74		137.8
65	72.54	71.78	72.88	73.15	73.71	75.04	75.28	77.33	77.37	78.86	79.38	82.81	82.11	84.72	88.21	138.8
70	72.57	73.75	72.59	73.29	74.48	77.19	76.24	78.15	82.03	81.39	81.75	83.62	84.82	88.61	89.31	139.4
75	69.98	72.15	72.91	71.33	72.97	74.51	75.18	78.72	76.28	78.28	78.18	81.55	81.67	84.63	81.88	134.8
80	69.27	71.23	69.72	70.86	71.28	72.47	73.42	75.97	76.27	77.46	78.15	79.93	88.61	88.59	78.88	135.1
85	69.59	70.84	69.82	70.32	68.99	69.66	71.06	73.17	72.71	73.34	76.37	76.23	74.81	73.67	75.08	131.9
90	67.59	66.81	68.88	68.81	67.39	68.15	68.03	70.57	72.13	72.26	72.72	72.24	74.93	74.98	71.12	129.7
95	67.27	68.17	71.13	72.13	71.44	70.24	69.04	70.87	71.32	71.43	73.78	71.22	81.19	88.31	73.72	133.7
100	69.67	72.62	73.52	74.78	74.28	74.95	74.11	74.49	74.84	75.57	79.41	81.45	83.38	81.99	78.46	138.5
105	71.34	73.89	74.86	74.87	74.88	77.18	77.11	77.39	77.37	77.84	88.71	85.42	83.93	81.26	79.05	138.2
110	72.42	74.88	75.46	78.86	77.84	77.58	79.49	80.21	79.15	81.19	81.36	82.53	82.07	78.81	78.02	138.0
115	73.19	77.15	79.31	79.05	81.39	81.29	82.99	83.61	88.73	79.93	81.32	88.07	79.79	78.32	79.45	138.7
120	76.37	79.77	85.57	87.47	92.51	91.74	92.99	91.84	88.19	88.39	94.32	85.83	85.39	88.41	81.17	148.6
125	81.87	85.17	85.11	81.43	84.84	88.42	86.58	92.63	92.84	92.12	88.17	87.24	88.84	82.83	82.88	153.4
130	74.36	79.23	82.23	85.46	98.78	88.82	98.02	89.32	89.31	89.79	83.94	82.54	82.72	88.99	79.74	146.8
135	71.38	77.92	7.23	82.29	85.29	87.31	89.36	83.34	84.15	83.65	82.96	79.82	88.08	75.21	76.48	144.4
140	75.60	88.95	82.45	85.97	88.56	87.77	89.53	85.55	86.19	84.19	84.41	82.64	83.12	76.46	88.74	146.4
145	75.24	79.94	84.32	83.32	85.82	86.15	84.42	82.37	84.17	81.72	82.16	82.22	79.12	79.15	78.51	144.8
150	76.73	86.27	84.34	86.85	86.85	86.86	88.84	87.60	91.86	92.41	90.92	86.91	83.58	82.53	88.81	149.9
155	73.58	82.22	82.83	82.27	82.84	83.24	83.39	83.51	84.58	83.48	83.81	82.17	79.97	74.18	77.82	148.3
160	71.34	78.12	79.37	78.34	79.09	80.57	84.05	82.38	83.36	81.81	88.26	88.25	76.98	75.54	73.42	145.1
165	69.97	76.54	76.85	77.42	79.22	79.57	81.99	81.99	83.85	83.39	82.91	83.55	75.78	71.51	72.79	146.6
CASE	88.48	93.57	94.57	96.22	100.13	101.13	101.6	102.5	99.34	99.38	99.58	97.76	97.37	97.91	98.97	
ASR	87.64	92.51	93.42	97.47	99.41	100.8	102.6	103.2	100.1	97.99	97.16	96.28	96.28	96.46	97.41	
SCAL	120.4	120.7	120.9	118.9	118.5	117.1	117.3	118.2	117.5	117.3	117.4	120.5	118.4	120.4	120.1	

MEASURED CAPHL
CALCULATED CAPHL

ANGLE FROM INLET 82.20
MEASURED CAPHL 88.22
CALCULATED CAPHL 88.22
DIFFERENCE 0.00

SPACE COEL ACOUSTIC TEST T/2 8/28/69 R/T 9/3/69-3

SUN 2 4.0017 SPEED 80037

CAPHL 150.7

DATE: 5/3/59

RADIAL DISTANCE 292

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM 1° LEFT											
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
54	-4.23	-4.12	-4.99	-5.97	-5.42	-5.97	-6.49	-4.69	-4.14	-3.00	-1.05	-1.21
60	-5.82	-5.89	-6.81	-6.02	-7.70	-6.03	-6.49	-6.49	-1.49	-4.45	-2.11	-1.29
66	-7.78	-7.48	-7.21	-6.29	-6.83	-5.65	-4.93	-4.93	-3.78	-3.66	-1.82	-1.53
72	-9.41	-8.17	-7.87	-6.87	-6.24	-4.89	-3.97	-3.97	-2.62	-2.48	-1.89	-1.16
78	-11.65	-7.59	-7.04	-6.46	-5.77	-4.86	-3.81	-2.81	-2.82	-1.88	-1.89	-1.09
84	-13.55	-6.35	-7.63	-7.21	-5.57	-4.23	-3.36	-2.36	-1.82	-1.84	-1.41	-1.39
90	-15.43	-5.47	-6.94	-6.64	-5.45	-4.23	-3.29	-2.29	-1.83	-1.32	-1.33	-1.33
96	-17.92	-2.87	-4.49	-4.18	-5.61	-3.85	-1.85	-1.85	-1.38	-1.35	-1.36	-1.36
102	-19.57	-4.35	-3.26	-3.15	-3.77	-3.82	-2.53	-1.53	-1.52	-1.50	-1.50	-1.50
108	-21.94	-5.84	-2.68	-2.87	-3.38	-4.77	-3.35	-1.55	-1.54	-1.52	-1.52	-1.52
114	-24.23	-2.89	-1.45	-2.02	-3.42	-2.74	-3.39	-2.21	-2.21	-2.21	-2.21	-2.21
120	-26.92	-5.37	-4.41	-2.39	-2.79	-2.88	-2.16	-1.88	-1.88	-1.88	-1.88	-1.88
126	-29.38	-4.02	-3.34	-1.74	-1.97	-2.32	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59
132	-31.19	-3.64	-2.28	-1.59	-1.89	-2.12	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59
138	-33.2	-6.55	-2.55	-1.65	-3.59	-2.85	-1.71	-1.71	-1.71	-1.71	-1.71	-1.71
144	-35.8	-8.73	-8.79	-5.19	-5.12	-4.51	-2.75	-2.75	-2.75	-2.75	-2.75	-2.75
150	-38.5	-7.04	-4.64	-1.41	-2.91	-1.32	-1.56	-1.55	-1.55	-1.55	-1.55	-1.55
156	-40.9	-5.99	-3.99	-1.03	-1.87	-1.89	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39
162	-43.7	-4.87	-3.37	-1.82	-2.47	-1.95	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45
168	-46.44	-3.74	-2.84	-1.57	-2.19	-2.47	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78
174	-49.2	-2.48	-1.19	-1.42	-2.41	-2.39	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82
180	-51.78	-2.08	-1.09	-1.57	-1.83	-1.47	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69
186	-54.2	-3.08	-1.51	-2.74	-1.49	-1.89	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77
192	-56.5	-3.94	-2.63	-3.86	-1.25	-1.87	-1.83	-1.83	-1.83	-1.83	-1.83	-1.83

ACCEL. TEMP. 12.22
MET. B. LE TEMP. 68.80
RAD. PRESS. RE 29.25
ABS. DIRECTIVITY 15.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

PURPOSE: ACOUSTIC SPEED=8037

DATE: 9/03/69

PAGE: 1

RACIAL DISTANCE 256

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FRQ	6.6	12.2	24.4	32.2	42.2	52.2	62.2	72.2	82.2	96.0	108.0	122.0	136.0	150.0	168.0	170.0	(PNL)
52	75.49	75.40	74.43	74.13	73.93	74.16	75.14	74.86	76.12	76.43	76.11	78.06	80.21	76.20	80.29	91.40	130.5
63	74.86	76.09	74.13	73.53	73.18	74.33	74.34	72.28	74.34	73.37	70.89	81.39	81.39	77.25	80.15	92.28	130.3
82	74.96	75.54	75.49	74.13	75.22	74.91	75.88	76.78	77.58	79.06	80.01	82.33	80.05	80.37	91.54	130.3	
122	73.56	74.18	73.52	71.16	74.75	75.44	76.46	76.43	78.53	78.68	81.84	83.13	83.24	80.44	89.59	140.0	
129	75.46	76.35	74.66	73.73	75.08	76.74	78.66	80.14	82.98	83.32	83.19	86.04	84.99	80.15	86.79	130.4	
162	72.32	73.83	72.00	72.39	74.59	75.06	77.81	78.16	82.82	82.81	84.78	83.18	84.49	80.16	82.05	130.4	
222	73.56	74.57	73.53	72.56	74.11	74.98	76.45	78.38	77.52	78.79	80.38	80.19	80.86	81.06	88.45	130.2	
252	69.79	69.68	67.17	67.17	68.32	69.49	72.38	73.46	76.22	78.85	77.58	76.73	78.29	78.28	77.27	130.7	
315	66.57	66.07	68.18	67.24	67.73	67.73	70.30	71.67	73.39	74.22	72.86	72.11	73.55	76.08	72.26	130.4	
432	67.79	71.24	71.15	73.38	72.49	71.26	74.48	75.92	73.24	73.98	75.02	70.18	82.16	81.32	76.26	130.4	
522	71.11	73.68	74.47	75.74	75.20	75.83	75.24	75.83	75.52	75.84	79.08	82.08	80.53	83.35	82.24	130.4	
532	74.13	77.58	66.18	65.19	69.71	67.98	69.12	65.25	65.57	62.89	64.73	64.00	65.16	62.79	62.72	130.9	
622	74.35	76.39	79.45	82.29	85.06	86.29	88.67	91.41	89.37	88.37	84.08	83.03	88.35	88.06	82.23	140.0	
732	73.00	72.44	78.43	82.43	84.89	82.18	84.32	86.16	84.31	83.30	82.18	82.77	82.23	81.10	79.69	140.3	
1252	73.56	78.45	82.18	91.15	92.35	91.70	91.17	89.45	85.64	81.07	83.67	83.14	80.20	84.15	80.88	140.0	
1522	77.02	86.41	85.48	85.19	86.27	84.99	85.11	83.77	89.43	87.07	89.08	86.11	80.89	89.09	82.44	151.2	
2722	74.06	79.29	64.95	85.75	87.78	80.26	86.79	86.82	85.14	84.31	84.37	81.10	80.05	82.18	79.02	140.3	
2822	71.72	78.27	77.37	82.43	84.73	83.39	86.21	84.28	81.80	83.67	88.31	78.82	83.38	77.18	75.85	140.0	
3522	73.53	83.98	82.88	85.88	89.92	88.86	86.61	87.08	85.81	83.90	84.11	82.31	83.54	78.32	68.57	140.3	
4522	75.20	77.85	83.18	87.31	87.82	85.48	81.82	84.30	84.82	82.72	82.81	81.18	80.72	80.16	79.74	140.0	
5722	76.38	80.35	83.19	83.32	86.22	87.26	83.73	78.82	78.87	81.01	82.83	87.14	80.85	83.99	82.15	150.8	
6322	73.77	80.68	80.89	83.51	84.98	83.66	84.32	85.87	84.77	83.01	85.25	82.00	81.82	78.12	75.89	140.9	
8202	70.08	78.17	78.59	78.98	80.00	79.92	84.59	83.32	83.14	81.18	81.28	78.83	75.40	78.04	74.14	140.1	
10202	69.74	76.15	75.17	77.19	79.74	80.42	81.78	83.53	83.22	81.33	83.60	83.37	77.51	72.11	73.14	147.2	
MEASURED CASPL	88.08	92.02	93.82	94.27	101.11	101.11	101.11	101.11	101.11	101.11	99.00	98.41	98.00	98.18	94.24	108.12	
CALCULATED CASPL	87.53	92.84	92.98	97.01	100.33	100.33	100.33	100.33	100.33	100.33	97.20	97.20	97.49	96.42	93.20	108.12	
PNDB	102.2	106.6	106.5	109.8	112.0	112.0	112.2	113.0	112.3	111.5	111.5	112.1	109.0	109.2	107.9	108.0	

CASPL: 150.6

AMBIENT TEMP 82.82
WET-BULB TEMP 64.89
BAR. PRESSURE 29.83
ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

RUN#2 --- ROOM#18 --- SPEED#0252

LATEL 7/13/69

RADIAL DISTANCE 25%

PAGE 2

SOAL PRESSURE LEVELS DIRECTIVITY INDEX

	10.2	18.2	26.2	38.2	46.2	54.2	62.2	70.2	78.2	86.2	94.2	102.2	110.2	118.2	126.2	134.2	142.2	150.2	158.2	166.2	174.2	182.2	190.2
10.2	-5.02	-5.25	-5.48	-5.71	-5.94	-6.17	-6.40	-6.63	-6.86	-7.09	-7.32	-7.55	-7.78	-8.01	-8.24	-8.47	-8.70	-8.93	-9.16	-9.39	-9.62	-9.85	-10.08
18.2	-5.16	-5.39	-5.62	-5.85	-6.08	-6.31	-6.54	-6.77	-7.00	-7.23	-7.46	-7.69	-7.92	-8.15	-8.38	-8.61	-8.84	-9.07	-9.30	-9.53	-9.76	-9.99	-10.22
26.2	-5.30	-5.53	-5.76	-5.99	-6.22	-6.45	-6.68	-6.91	-7.14	-7.37	-7.60	-7.83	-8.06	-8.29	-8.52	-8.75	-8.98	-9.21	-9.44	-9.67	-9.90	-10.13	-10.36
38.2	-5.44	-5.67	-5.90	-6.13	-6.36	-6.59	-6.82	-7.05	-7.28	-7.51	-7.74	-7.97	-8.20	-8.43	-8.66	-8.89	-9.12	-9.35	-9.58	-9.81	-10.04	-10.27	-10.50
46.2	-5.58	-5.81	-6.04	-6.27	-6.50	-6.73	-6.96	-7.19	-7.42	-7.65	-7.88	-8.11	-8.34	-8.57	-8.80	-9.03	-9.26	-9.49	-9.72	-9.95	-10.18	-10.41	-10.64
54.2	-5.72	-5.95	-6.18	-6.41	-6.64	-6.87	-7.10	-7.33	-7.56	-7.79	-8.02	-8.25	-8.48	-8.71	-8.94	-9.17	-9.40	-9.63	-9.86	-10.09	-10.32	-10.55	-10.78
62.2	-5.86	-6.09	-6.32	-6.55	-6.78	-7.01	-7.24	-7.47	-7.70	-7.93	-8.16	-8.39	-8.62	-8.85	-9.08	-9.31	-9.54	-9.77	-10.00	-10.23	-10.46	-10.69	-10.92
70.2	-6.00	-6.23	-6.46	-6.69	-6.92	-7.15	-7.38	-7.61	-7.84	-8.07	-8.30	-8.53	-8.76	-8.99	-9.22	-9.45	-9.68	-9.91	-10.14	-10.37	-10.60	-10.83	-11.06
78.2	-6.14	-6.37	-6.60	-6.83	-7.06	-7.29	-7.52	-7.75	-7.98	-8.21	-8.44	-8.67	-8.90	-9.13	-9.36	-9.59	-9.82	-10.05	-10.28	-10.51	-10.74	-10.97	-11.20
86.2	-6.28	-6.51	-6.74	-6.97	-7.20	-7.43	-7.66	-7.89	-8.12	-8.35	-8.58	-8.81	-9.04	-9.27	-9.50	-9.73	-9.96	-10.19	-10.42	-10.65	-10.88	-11.11	-11.34
94.2	-6.42	-6.65	-6.88	-7.11	-7.34	-7.57	-7.80	-8.03	-8.26	-8.49	-8.72	-8.95	-9.18	-9.41	-9.64	-9.87	-10.10	-10.33	-10.56	-10.79	-11.02	-11.25	-11.48
102.2	-6.56	-6.79	-7.02	-7.25	-7.48	-7.71	-7.94	-8.17	-8.40	-8.63	-8.86	-9.09	-9.32	-9.55	-9.78	-10.01	-10.24	-10.47	-10.70	-10.93	-11.16	-11.39	-11.62
110.2	-6.70	-6.93	-7.16	-7.39	-7.62	-7.85	-8.08	-8.31	-8.54	-8.77	-9.00	-9.23	-9.46	-9.69	-9.92	-10.15	-10.38	-10.61	-10.84	-11.07	-11.30	-11.53	-11.76
118.2	-6.84	-7.07	-7.30	-7.53	-7.76	-7.99	-8.22	-8.45	-8.68	-8.91	-9.14	-9.37	-9.60	-9.83	-10.06	-10.29	-10.52	-10.75	-10.98	-11.21	-11.44	-11.67	-11.90
126.2	-6.98	-7.21	-7.44	-7.67	-7.90	-8.13	-8.36	-8.59	-8.82	-9.05	-9.28	-9.51	-9.74	-9.97	-10.20	-10.43	-10.66	-10.89	-11.12	-11.35	-11.58	-11.81	-12.04
134.2	-7.12	-7.35	-7.58	-7.81	-8.04	-8.27	-8.50	-8.73	-8.96	-9.19	-9.42	-9.65	-9.88	-10.11	-10.34	-10.57	-10.80	-11.03	-11.26	-11.49	-11.72	-11.95	-12.18
142.2	-7.26	-7.49	-7.72	-7.95	-8.18	-8.41	-8.64	-8.87	-9.10	-9.33	-9.56	-9.79	-10.02	-10.25	-10.48	-10.71	-10.94	-11.17	-11.40	-11.63	-11.86	-12.09	-12.32
150.2	-7.40	-7.63	-7.86	-8.09	-8.32	-8.55	-8.78	-9.01	-9.24	-9.47	-9.70	-9.93	-10.16	-10.39	-10.62	-10.85	-11.08	-11.31	-11.54	-11.77	-12.00	-12.23	-12.46
158.2	-7.54	-7.77	-8.00	-8.23	-8.46	-8.69	-8.92	-9.15	-9.38	-9.61	-9.84	-10.07	-10.30	-10.53	-10.76	-10.99	-11.22	-11.45	-11.68	-11.91	-12.14	-12.37	-12.60
166.2	-7.68	-7.91	-8.14	-8.37	-8.60	-8.83	-9.06	-9.29	-9.52	-9.75	-9.98	-10.21	-10.44	-10.67	-10.90	-11.13	-11.36	-11.59	-11.82	-12.05	-12.28	-12.51	-12.74
174.2	-7.82	-8.05	-8.28	-8.51	-8.74	-8.97	-9.20	-9.43	-9.66	-9.89	-10.12	-10.35	-10.58	-10.81	-11.04	-11.27	-11.50	-11.73	-11.96	-12.19	-12.42	-12.65	-12.88
182.2	-7.96	-8.19	-8.42	-8.65	-8.88	-9.11	-9.34	-9.57	-9.80	-10.03	-10.26	-10.49	-10.72	-10.95	-11.18	-11.41	-11.64	-11.87	-12.10	-12.33	-12.56	-12.79	-13.02
190.2	-8.10	-8.33	-8.56	-8.79	-9.02	-9.25	-9.48	-9.71	-9.94	-10.17	-10.40	-10.63	-10.86	-11.09	-11.32	-11.55	-11.78	-12.01	-12.24	-12.47	-12.70	-12.93	-13.16

APPLIC. TEST: 82.20
 ET-30 TEST: 68.60
 BAK. PRESSURE: 26.25
 ASS. T. 13.04

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/L 8/3/69-3

2.112 203020 SP8006051

DATE: 5/24/69

RADIAL DISTANCE - 25X

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	0.0	10.2	20.7	31.2	42.2	52.2	62.2	72.2	82.2	92.2
52	75.97	76.36	75.19	74.79	75.11	75.32	75.58	76.88	77.33	79.53
63	74.75	71.23	72.44	74.47	74.32	75.39	75.19	88.49	77.67	79.73
82	71.41	71.82	72.75	74.26	75.83	75.29	76.25	77.49	81.31	83.66
182	71.34	75.23	75.28	75.64	75.92	76.59	77.54	78.99	82.22	85.27
123	73.33	74.89	74.87	75.13	76.88	77.94	78.83	88.12	85.75	82.32
162	73.27	75.11	75.88	75.53	75.84	77.42	78.94	83.13	83.35	83.59
232	71.16	73.37	71.89	71.85	73.45	74.38	75.52	77.63	83.61	83.86
252	71.41	71.41	69.64	69.17	70.46	71.39	72.33	74.12	76.42	77.80
315	66.71	67.57	78.21	60.80	70.86	68.95	72.39	71.56	75.74	75.4
422	69.38	72.67	72.28	77.67	74.34	74.65	75.39	72.32	75.38	76.89
532	71.89	75.27	77.21	77.78	78.81	78.58	78.59	77.34	76.81	78.82
537	75.24	76.39	51.47	82.58	85.23	85.15	84.52	82.42	81.21	83.56
827	76.57	79.55	81.92	84.88	89.23	89.21	92.73	98.13	87.69	86.83
1832	74.53	76.45	51.12	61.84	83.83	83.3	88.49	83.77	82.16	81.1
1252	78.72	78.91	83.99	91.58	93.85	93.93	89.86	86.86	86.48	84.12
1622	77.19	88.45	88.41	88.76	92.12	92.85	91.19	88.28	88.29	84.31
2222	75.34	78.74	82.86	84.19	86.59	85.19	88.89	82.32	81.78	83.88
3532	73.93	77.53	77.62	83.57	86.18	85.62	89.88	83.13	85.54	83.22
3152	76.59	81.78	83.37	81.57	88.33	84.86	85.95	85.93	88.29	83.78
4282	70.69	79.84	84.17	83.82	89.98	84.87	83.31	85.23	85.95	81.77
5287	76.97	86.34	84.77	86.86	85.81	86.28	85.41	91.29	91.24	91.11
8382	75.44	82.10	83.27	84.10	84.49	83.93	88.10	86.39	86.59	86.84
8282	72.14	78.43	82.35	79.38	88.38	88.76	85.84	83.26	82.83	82.83
12282	72.17	76.12	77.48	77.52	79.58	79.47	89.99	83.13	81.34	82.89
1EAS-RED CASPL	89.49	93.33	95.29	98.35	102.2	99.96	131.1	99.19	98.86	98.81
CALC-ATED CASPL	88.32	92.48	94.41	97.50	99.19	99.18	128.2	98.20	97.78	97.41
PWB	141.2	137.1	187.7	141.8	111.9	110.9	112.2	111.9	111.9	111.9

1EAS-RED CASPL
CALC-ATED CASPL
PWB

AIR-RED TEMP: 81.38
E-RED TEMP: 87.82
EAT-RED TEMP: 89.35
EAT-RED PRESSURE: 12.86

SCALE MODEL ACOUSTIC TEST T/J 8/22/69 R/D 8/4/69-3

FREQ: 80325 SPEED: 8524

138.13

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DATE: 9/7/66

RADIAL DISTANCE 256

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0
10.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
15.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
20.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
25.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
30.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
35.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
40.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
45.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
50.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
55.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
60.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
65.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
70.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
75.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
80.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
85.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
90.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
95.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
100.0	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34

ADJUST TEM: 9.3.20
 "ETABLE TEM: 27.30
 BAR, PRESSURE 29.84
 ABS, M10174 12.66

SCALE "DBL ACUSTIC TEST 7/5 8/28/69 R/D 9/17/69

9/1/62 H0622 SPEE0672

DATE: 7/24/59

RADIAL DISTANCE 250

PAGE: 1

STANDARD PRESSURE LEVELS REDUCED AT STANDARD DAY

FEET	5.6	12.2	2	32.8	43.7	54.7	65.2	72.7	80.2	90.2	100.0	110.0	120.0	132.4	140.0	150.0	160.0	170.0	180.0
57	65.59	59.14	67.29	60.99	56.92	67.15	67.20	72.99	68.18	69.08	72.30	71.42	67.12	75.39	77.69	120.1			
63	63.08	43.36	63.03	72.42	64.72	63.17	65.89	77.49	71.85	68.61	71.22	74.42	75.51	77.69	120.6				
69	62.32	63.17	63.71	64.37	64.96	64.99	67.43	67.74	68.00	72.31	71.02	68.44	74.03	76.86	120.9				
102	66.22	56.26	67.23	66.59	66.09	72.13	72.13	75.52	76.31	75.03	72.57	74.44	78.77	74.09	75.22	121.2			
125	67.73	44.34	67.13	64.11	67.71	66.40	67.45	68.77	72.63	72.68	71.88	72.08	71.98	73.51	73.99	121.5			
167	62.55	42.78	62.91	63.11	63.32	65.33	66.61	68.99	68.67	69.04	72.63	71.43	70.68	72.99	72.89	121.8			
207	63.27	42.99	62.58	64.27	64.32	65.78	67.46	71.43	68.49	72.13	71.12	71.55	72.39	71.06	70.03	122.3			
252	61.06	62.09	58.39	57.58	58.87	62.11	62.49	63.42	64.83	65.41	66.94	66.57	69.58	68.10	66.34	122.4			
315	59.63	56.98	64.21	66.17	59.19	57.76	59.82	64.41	62.86	62.99	62.22	62.14	64.24	64.11	62.59	122.4			
402	59.41	41.52	63.83	63.16	63.82	62.42	62.41	62.67	62.19	63.19	64.68	67.12	69.97	68.57	67.73	123.4			
527	63.42	45.64	66.38	67.19	67.79	66.72	68.86	68.19	68.19	68.37	68.77	71.02	72.22	70.23	68.75	126.9			
532	66.78	49.25	72.25	71.37	70.80	70.14	70.25	69.42	70.71	71.41	71.87	73.14	73.55	72.70	69.82	129.9			
577	67.93	71.36	73.44	73.32	73.36	70.71	70.84	71.13	71.88	72.13	73.23	73.63	72.25	69.99	73.50	131.1			
1086	66.78	72.24	74.53	72.36	72.97	69.73	69.53	70.41	69.96	70.37	72.44	72.28	71.82	70.32	71.04	128.7			
1257	67.45	70.65	71.44	73.16	72.83	73.08	72.83	72.18	72.35	73.39	72.18	72.73	71.57	69.11	67.11	131.9			
1622	65.59	71.84	77.15	77.53	77.63	77.62	77.95	75.31	75.30	75.97	77.53	76.68	72.58	71.80	72.25	135.6			
2000	69.33	73.33	72.92	75.16	75.18	73.35	74.24	73.88	74.15	74.46	75.52	75.49	73.17	72.33	73.41	140.4			
2502	69.56	77.71	76.29	76.12	76.44	77.77	76.72	76.62	76.56	76.93	78.29	77.81	74.88	76.09	75.89	147.6			
3152	73.44	86.88	86.82	81.11	81.31	80.99	79.72	80.98	82.19	82.14	81.37	81.71	79.66	73.17	71.48	151.3			
4027	77.27	81.88	87.59	87.19	88.07	86.74	85.86	86.72	89.48	87.94	85.36	87.04	81.74	81.05	83.18	157.8			
5267	69.21	77.14	76.51	77.53	76.94	77.10	76.49	76.29	80.45	80.05	78.84	76.34	75.18	73.73	73.55	159.7			
6388	73.13	76.23	76.67	79.72	76.79	80.33	81.76	81.06	83.61	84.82	82.16	82.81	78.88	72.33	76.83	162.9			
8232	69.82	78.16	78.89	77.68	77.39	77.12	79.94	78.33	79.53	79.92	78.19	79.23	75.58	73.88	73.83	162.9			
10207	76.44	75.53	77.69	76.68	76.14	74.62	75.92	75.42	75.53	75.43	82.14	76.28	74.61	70.51	71.49	162.9			
MEASURED CASPL	84.41	59.61	91.92	92.18	92.76	91.33	90.71	92.13	93.68	93.37	92.49	92.96	89.16	89.59	89.34				
CALCULATED CASPL	83.13	66.24	92.64	92.74	93.82	88.36	89.44	91.81	92.53	92.22	91.16	91.73	88.84	87.41	88.21				
ADJUSTED CASPL	98.12	122.0	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2				

ADJUSTED TEMPERATURE 81.02
 MEASURED TEMPERATURE 87.80
 RADIAL DISTANCE 25.24
 RADIAL DISTANCE 27.08

SCALE MODEL ACC STIC TEST T/D 0/20/69 R/D 9/4/50.3

ADJUSTED TEMPERATURE 81.02

ADJUSTED TEMPERATURE 87.80

ADJUSTED TEMPERATURE 25.24

ADJUSTED TEMPERATURE 27.08

CASPL

152.2

DATE: 5/24/59

RADIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM INLET	ANGLE FROM INLET											
	0	15	30	45	60	75	90	105	120	135	150	165
5	-1.50	-1.53	-1.72	-1.27	-1.96	-2.04	-3.17	-1.31	-2.04	-1.29	-1.94	-4.18
10	-9.74	-6.06	-6.67	-1.57	-6.58	-5.25	-6.66	-6.24	-5.37	-4.28	-4.32	-9.27
15	-8.08	-7.09	-5.15	-3.09	-5.05	-3.12	-3.11	-1.75	-2.03	-1.38	-1.66	-6.43
20	-6.43	-4.46	-3.52	-1.54	-3.49	-3.08	-1.98	2.692	1.957	1.122	1.433	-3.33
25	-6.57	-5.52	-5.13	-5.24	-4.42	-3.00	-2.25	-2.37	1.198	1.122	1.943	1.955
30	-7.45	-6.26	-6.38	-5.66	-5.08	-2.60	-1.73	1.839	-0.85	1.051	1.775	1.316
35	-7.58	-6.72	-7.53	-6.25	-5.84	-4.17	-2.57	2.433	3.031	1.348	2.956	1.523
40	-4.07	-5.11	-5.29	-6.74	-4.16	-2.33	-1.47	2.072	1.756	2.175	3.041	-0.561
45	-4.03	-5.43	-5.19	-2.56	-2.14	-2.23	-1.27	2.242	1.707	1.287	-3.34	2.479
50	-5.04	-2.93	-1.87	-2.14	-1.72	-4.47	-4.52	-2.88	-3.89	-1.91	-3.43	5.941
55	-4.39	-2.11	-1.02	-1.50	-1.75	-1.21	-3.37	-2.44	-2.11	-2.33	0.82	4.539
60	-4.82	-2.37	-1.16	-1.77	-1.69	-1.85	-1.25	-1.74	-0.87	-0.39	1.456	2.718
65	-5.51	-2.25	-1.247	-2.72	-1.72	-1.24	-1.27	-0.11	-0.37	0.929	1.736	2.918
70	-5.79	-1.85	-1.769	-1.12	-1.287	-1.24	-1.79	-1.73	-0.24	4.326	1.468	4.424
75	-6.11	-2.71	-1.973	-1.03	-1.338	-1.271	-1.24	0.812	0.833	3.881	3.887	3.39
80	-7.24	-2.13	-1.508	-1.322	-1.359	-1.23	-2.42	-0.16	-0.55	3.647	1.42	1.844
85	-7.03	-2.13	-2.349	-1.431	-1.139	-1.081	0.693	-1.508	-1.596	1.222	1.076	1.823
90	-8.97	-1.16	-1.52	-1.257	-1.171	-1.252	1.237	-0.893	1.339	1.698	1.583	-3.13
95	-9.11	-1.94	-1.555	-2.10	-1.818	-1.194	-1.43	3.243	1.346	1.327	0.385	-3.06
100	-12.1	-4.9	-1.978	-1.573	-1.587	-1.462	-1.35	3.372	1.723	1.197	1.291	-0.98
105	-10.5	-1.17	-1.16	-1.14	-1.521	-1.52	-1.041	0.895	2.256	1.762	0.67	-1.41
110	-9.19	-4.11	-1.23	-2.37	-1.964	-1.971	1.918	0.595	4.439	1.620	1.919	-1.74
115	-11.2	-1.48	-1.208	-1.11	-1.536	-1.33	1.105	-1.177	2.229	0.824	3.947	-0.986
120	-12.5	-1.17	-1.431	-2.11	-1.512	-1.28	-1.38	-1.849	1.732	1.360	3.658	3.661
125												-2.29
130												-7.24
135												-4.34
140												
145												
150												
155												
160												
165												
170												
175												
180												

B'9

AMBIENT TEMP 81.28
 REFERENCE TEMP 87.22
 BAR, PRESS RE 25.24
 ABS, HUMIDITY 12.60

SCALE -SCEL ACUSTIC TEST T/U 8/28/59 R/D 8/4/59-3

RU'52 253824 SPEED 6467

RADIAL DISTANCE 252

RADIAL DISTANCE 232

04PM68

ANALYST TEMP.	63.00
REF. TEMP.	68.20
SAV. PRESSURE	29.24
AFS. MULTIPLY	<u>12.53</u>

SCALE MODEL ACOUSTIC TEST P/C 8/28/69 R/D 9/4/69-3

2, 132 REG-25 SPECIAL AGENT

DATE: 9/14/65

RADIAL DISTANCE 250

PAGE: 2

BOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°	180°
52	-2.50	-2.90	-2.85	-2.90	-2.99	-3.06	-3.01	-2.94	-3.55	-1.22	-1.17	-4.04
63	-5.05	-3.11	-6.72	-3.30	-6.13	-5.46	-6.54	-5.94	-2.42	-2.07	-1.23	-1.21
82	-9.02	-8.89	-5.10	-1.56	-3.91	-2.56	-3.59	-2.19	-2.42	-1.01	-1.73	-1.23
122	-6.56	-6.77	-8.55	-1.56	-4.33	-2.58	-9.60	-7.82	-8.46	-1.45	-1.33	-1.26
125	-7.16	-6.94	-8.78	-3.49	-4.47	-3.23	-1.98	-3.11	-6.31	-1.04	-2.00	-1.26
162	-7.19	-6.75	-6.21	-7.34	-4.22	-2.85	-1.82	-1.78	-3.61	-1.77	-2.13	-1.10
207	-6.47	-6.09	-7.38	-4.74	-5.47	-4.19	-2.44	-2.79	-2.93	-1.71	-2.74	-1.01
257	-6.48	-5.56	-6.09	-4.74	-4.96	-3.13	-1.37	-2.74	-1.79	-2.03	-3.36	-2.61
315	-4.92	-6.32	-2.88	-2.18	-2.99	-2.95	-2.49	-2.50	-1.04	-1.93	-0.19	-0.66
422	-5.17	-4.26	-4.18	-1.58	-1.89	-1.78	-2.73	-1.38	-1.82	-1.85	-1.71	-1.24
527	-6.39	-2.76	-4.14	-1.41	-1.62	-3.81	-2.48	-2.58	-2.77	-1.64	-0.71	-0.28
577	-4.92	-2.67	-1.73	-1.72	-1.22	-1.98	-3.23	-2.83	-1.59	-1.82	-1.16	-1.03
627	-5.19	-2.44	-1.62	-1.74	-1.55	-1.42	-3.46	-1.98	-1.82	-1.82	-1.43	-1.10
1227	-6.12	-2.15	-1.02	-1.57	-1.41	-1.81	-3.34	-1.92	-1.15	-1.89	-1.84	-1.71
1257	-5.71	-2.07	-1.15	-1.49	-1.54	-1.29	-3.41	-1.68	-1.29	-1.89	-1.49	-1.64
1622	-5.29	-1.52	-1.28	-1.73	-1.47	-1.92	-1.82	-1.97	-1.22	-1.87	-1.48	-1.42
2022	-7.47	-1.84	-1.86	-2.21	-1.28	-1.22	-1.86	-2.63	-2.29	-1.84	-1.26	-2.29
2502	-8.31	-1.64	-1.87	-2.24	-1.48	-1.62	-3.16	-1.99	-1.98	-1.74	-1.81	-2.39
3152	-8.39	-1.83	-1.99	-1.97	-1.28	-1.27	-3.08	-1.18	-1.85	-1.33	-1.85	-2.54
4202	-9.20	-3.78	-1.57	-1.58	-1.82	-1.98	-3.97	-2.99	-1.84	-1.33	-1.85	-2.54
5237	-9.99	-1.93	-1.79	-1.37	-1.39	-1.94	-1.01	-1.46	-1.55	-1.16	-1.79	-2.23
6302	-11.2	-4.11	-4.44	-2.58	-1.99	-1.37	-1.62	-1.32	-2.63	-1.81	-1.11	-1.08
8002	-11.1	-4.76	-4.72	-4.60	-3.94	-1.44	-1.22	-1.48	-1.33	-1.34	-0.89	-1.21
12002	-9.92	-1.83	-1.37	-2.18	-1.82	-2.17	-1.16	-1.81	-1.13	-1.78	-1.07	-1.03

AMBIENT TEMP. 83.02
WET-BULB TEMP. 68.06
BAR. PRESSURE 29.84
ABS. HUMIDITY 12.95

SCALE MODEL ACOUSTIC TEST T/O 8/20/69 R/D 9/4/69-3

RUN#2 ACQ#25 SFR#000023

RADIAL DISTANCE 250

SOON PRESSURE LEVELS BECAME AT STAGNANT DAY

[illegible]

493.2

AMBIENT TEMP.	63.00
REFRIG. TEMP.	66.00
GAS PRESSURE	29.04
REL. HUMIDITY	12.94

UNCLASSIFIED * ACQUISITION TEST 1/1 8/28/12 R/D 8/8/09:3

9.052-
97514-4A-2

RACIAL DISTANCE 256

PAGE 1 2

DATE: 9/5/69

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

	14.7	2.2	32.6	43.2	54.7	67.2	74.2	82.1	92.4	122.8	112.8	122.8	132.2	142.2	152.2	162.2	172.8	(PML)
5	-2.27	-2.27	-5.75	-4.45	-4.91	-3.94	-3.47	-1.97	-1.89	-1.973	-1.943	-1.281	-1.93	-1.93	-5.978	0.528		
6	-8.38	-8.21	-8.14	-5.73	-7.82	-6.63	-6.52	-5.23	-3.79	-1.44	-1.61	-1.39	-1.96	-1.96	-4.72	7.359		
7	-9.38	-8.22	-6.09	-5.84	-5.34	-5.13	-3.04	-2.26	-1.86	-1.52	-1.738	-2.115	-1.329	-1.329	-6.51	6.487		
8	-7.16	-7.92	-6.99	-6.26	-4.57	-3.61	-2.35	-1.84	-1.85	-1.85	-1.674	-2.514	-1.261	-1.261	-5.787	6.315		
125	-8.89	-7.84	-7.32	-7.79	-4.27	-4.19	-1.32	-1.23	-9.22	-1.14	-1.192	-2.760	-1.220	-1.220	-4.12	5.185		
167	-8.41	-6.18	-6.83	-5.42	-5.22	-4.13	-2.34	-1.93	-1.21	-1.99	-1.82	-2.73	-1.330	-1.330	-3.29	5.733		
220	-7.30	-5.97	-7.26	-5.53	-5.26	-4.48	-2.86	-2.092	-1.462	-1.599	-1.599	-2.73	-1.378	-1.378	-2.54	5.889		
252	-6.26	-6.93	-6.55	-7.25	-6.69	-5.53	-2.07	-1.86	-1.29	-1.481	-1.481	-2.73	-1.378	-1.378	-2.54	5.889		
315	-3.73	-5.64	-1.55	-2.58	-2.95	-3.79	-2.28	-1.14	-1.222	-1.222	-1.222	-2.73	-1.378	-1.378	-2.54	5.889		
402	-6.52	-5.26	-2.17	-2.35	-2.41	-4.19	-4.75	-3.61	-3.34	-1.978	-1.978	-2.73	-1.378	-1.378	-2.54	5.889		
502	-2.46	-2.13	-1.57	-1.58	-1.33	-2.31	-2.44	-1.38	-2.72	-1.50	-1.50	-2.73	-1.378	-1.378	-2.54	5.889		
532	-6.23	-5.23	-2.34	-1.59	-1.67	-1.27	-1.77	-1.34	-1.14	-1.22	-1.22	-2.73	-1.378	-1.378	-2.54	5.889		
581	-5.57	-2.89	-2.32	-1.55	-1.23	-1.57	-1.82	-1.19	-1.29	-1.29	-1.29	-2.73	-1.378	-1.378	-2.54	5.889		
1282	-3.97	-2.47	-1.407	-1.32	-1.487	-1.92	-1.82	-1.28	-1.28	-1.28	-1.28	-2.73	-1.378	-1.378	-2.54	5.889		
1287	-3.54	-2.38	-1.382	-1.38	-1.842	-1.987	-1.35	-1.23	-1.23	-1.23	-1.23	-2.73	-1.378	-1.378	-2.54	5.889		
1682	-7.74	-2.35	-1.384	-1.38	-1.844	-1.989	-1.47	-1.23	-1.23	-1.23	-1.23	-2.73	-1.378	-1.378	-2.54	5.889		
2282	-6.65	-2.65	-1.613	-1.62	-1.378	-1.19	-1.27	-1.32	-1.32	-1.32	-1.32	-2.73	-1.378	-1.378	-2.54	5.889		
2582	-12.9	-2.32	-1.12	-1.12	-1.293	-1.293	-1.293	-1.293	-1.293	-1.293	-1.293	-2.73	-1.378	-1.378	-2.54	5.889		
3152	-8.54	-1.44	-1.589	-1.582	-1.659	-1.659	-1.659	-1.659	-1.659	-1.659	-1.659	-2.73	-1.378	-1.378	-2.54	5.889		
4727	-9.17	-1.59	-1.845	-1.845	-1.652	-1.652	-1.652	-1.652	-1.652	-1.652	-1.652	-2.73	-1.378	-1.378	-2.54	5.889		
5221	-9.84	-2.38	-1.488	-1.488	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-2.73	-1.378	-1.378	-2.54	5.889		
6321	-12.9	-5.36	-1.73	-1.73	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-2.73	-1.378	-1.378	-2.54	5.889		
8287	-12.9	-1.38	-2.58	-2.58	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-2.73	-1.378	-1.378	-2.54	5.889		
12827	-12.8	-2.19	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-2.73	-1.378	-1.378	-2.54	5.889		

B43

A BLET BWP, 23.02
REVERB, 28.22
BAR, PRESSURE 29.24
POS, -1.114 12.95

SCALE MODEL ACC. STIC TEST Y/U 8/28/69 M/D 9/5/69.3

70.42 40.021 SPEED 6853

DATE: 7/5/66

RADIAL DISTANCE 254

PAGE: 1

STATION PRESSURE LEVELS REDUCED AT STANDARD DAY

	10.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	(FHL)
50	71.56	71.74	72.24	72.24	69.49	69.76	70.32	70.69	73.12	73.64	73.14	73.94	75.27	76.49	80.97	83.57				132.2
60	67.33	67.56	67.32	72.21	69.34	68.99	69.42	69.37	70.48	73.71	73.93	75.59	75.47	81.33	84.37					133.6
70	64.9	65.43	66.17	67.12	63.82	68.11	68.57	70.82	71.48	73.11	74.12	75.34	73.32	80.19	82.79					131.7
80	62.42	64.40	67.48	68.37	65.58	70.53	71.59	73.19	73.78	74.51	75.65	77.55	76.22	80.10	81.10					132.7
90	57.34	58.52	60.49	61.35	58.18	63.51	64.54	66.11	67.34	68.11	69.12	70.29	71.81	73.55	75.43					133.6
100	64.05	66.09	65.83	66.35	65.14	68.96	70.41	72.36	72.72	73.94	74.69	75.56	75.48	78.11	79.82					134.2
110	64.09	63.69	61.04	63.48	63.98	65.11	63.39	67.23	68.81	70.39	72.69	73.49	78.61	72.21	71.81					130.4
120	61.92	61.36	64.58	65.19	63.97	62.69	63.13	64.58	65.74	64.39	65.86	67.59	70.63	70.11	45.83					128.4
130	62.29	62.16	60.87	60.52	60.38	61.35	62.28	62.57	62.86	63.28	63.89	64.58	65.12	65.89	66.37					128.1
140	60.51	60.97	60.95	71.87	69.99	69.07	69.68	69.94	69.58	70.59	73.70	76.39	76.84	75.89	72.57					131.1
150	60.34	71.28	72.05	74.29	73.94	73.46	74.78	73.33	73.68	74.99	76.38	78.03	77.92	74.06	74.82					133.9
160	65.63	71.94	73.72	71.54	74.49	73.59	74.28	74.26	74.44	75.64	76.58	77.15	76.88	73.82	73.25					133.8
170	65.18	72.05	74.96	73.61	74.18	73.11	72.58	72.42	72.78	73.42	74.17	74.99	73.94	72.15	73.27					132.7
180	66.53	72.17	73.89	75.41	74.98	74.02	75.08	73.43	74.38	74.67	75.63	76.08	73.23	71.76	71.99					133.8
190	74.37	74.36	76.77	77.61	76.61	76.92	73.88	76.93	74.59	77.28	79.18	78.42	74.19	73.72	72.71					134.6
200	68.70	74.49	75.77	74.70	75.44	74.11	75.81	73.95	74.48	74.68	75.29	75.77	72.75	72.07	72.66					134.5
210	72.09	78.33	75.41	77.01	77.81	78.19	79.34	76.80	78.08	79.48	79.81	77.81	74.93	78.82	74.22					138.0
220	71.71	80.98	81.37	81.83	80.08	81.38	82.21	81.53	82.15	82.26	81.74	81.18	77.99	73.55	76.46					140.8
230	77.35	83.95	87.37	88.02	86.56	88.34	87.93	85.77	86.75	89.26	87.76	84.11	80.11	82.01	80.26					140.9
240	71.15	82.39	83.84	83.95	83.22	83.37	85.77	84.99	83.85	82.42	82.64	81.92	78.78	88.18	77.41					145.0
250	73.39	79.39	78.66	84.50	86.66	81.67	84.24	86.54	82.62	84.46	85.57	83.78	78.42	72.45	78.23					145.0
260	72.31	80.67	78.84	79.34	80.83	79.33	80.80	81.23	82.37	81.19	82.77	83.46	77.26	75.39	74.89					148.8
270	72.11	77.79	76.28	77.18	78.29	77.93	78.13	78.11	80.34	80.18	81.74	83.18	77.71	73.15	74.71					148.4
280	85.46	91.05	92.78	92.11	93.82	92.44	93.61	94.46	94.20	93.44	94.38	94.49	91.26	92.49	93.85					155.7
290	84.21	92.24	91.48	91.58	92.87	91.54	92.55	93.59	92.89	92.24	92.66	93.84	89.92	91.16	91.79					155.7
300	90.97	104.6	100.7	100.7	106.7	106.8	100.6	107.7	108.2	108.9	106.4	106.9	106.9	104.2	103.4					155.7

REASON: CASPL
CALC: A-10 CASPL
W-01

A-10: 53.00
REASON: 53.00
CALC: 53.00
W-01: 53.00

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

SCALE: 1/1000 ACC: 5/10 TEST: 7/10 8/28/69 9/2 9/3/69-3

AGLES FCY I, ET

MOLES FCM (1.25)

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DATE RECEIVED AUGUST 28 1969 R/J 5/5/69-3

5222-8694

450827

DATE: 6/25/69

RADIAL DISTANCE 232

PAGE: 1

SCALE PRESSURE LEVELS REDUCED AT STANDARD DAY

		ANGLES FROM INLET									
		4.0	12.0	20.0	32.0	40.0	50.0	60.0	70.0	80.0	90.0
FREQ:	5	73.25	73.63	71.77	71.77	72.32	72.32	72.37	74.47	73.91	75.66
	6	69.05	69.62	72.00	72.39	72.39	73.54	73.54	74.97	76.72	77.31
10	5	67.73	68.02	69.07	72.59	71.36	71.76	73.01	74.12	75.82	76.12
	6	67.27	68.03	69.07	72.59	71.36	71.76	73.01	74.12	75.82	76.12
12	5	71.10	72.14	71.80	71.35	73.85	73.54	76.42	76.11	78.35	79.07
	6	69.17	72.67	69.26	69.14	71.22	72.23	73.77	75.92	75.99	76.91
14	5	67.55	69.24	67.39	68.22	69.02	72.00	71.53	74.77	74.52	75.45
	6	67.42	67.28	65.48	65.33	65.33	67.21	67.59	66.72	78.81	73.99
16	5	65.15	65.52	66.53	65.73	65.86	64.11	64.96	68.24	68.42	69.01
	6	64.85	64.90	68.90	69.07	69.89	68.88	68.12	72.21	69.81	70.80
18	5	67.52	69.93	71.11	71.77	73.13	73.23	73.12	72.97	73.15	73.96
	6	69.29	71.92	72.78	73.75	74.97	75.18	75.98	75.72	76.76	77.20
20	5	72.37	72.89	73.00	73.00	73.00	74.69	76.89	77.74	79.24	79.78
	6	72.47	72.69	73.14	73.14	73.14	72.74	73.31	74.55	75.30	76.01
22	5	69.42	72.79	73.54	73.54	73.54	74.17	77.46	79.38	77.29	76.74
	6	69.44	72.79	73.54	73.54	73.54	74.17	77.46	79.38	77.29	76.74
24	5	72.00	74.59	77.10	79.20	82.12	82.97	83.61	81.89	79.94	78.84
	6	71.59	75.78	76.36	81.06	86.12	85.73	87.03	82.97	84.32	82.19
26	5	72.05	79.14	82.51	85.93	87.71	80.73	87.42	89.43	85.22	83.91
	6	72.95	77.35	81.22	82.47	83.59	81.86	83.43	82.11	87.49	82.84
28	5	75.85	87.16	89.90	89.90	89.90	89.90	89.90	89.90	89.90	89.90
	6	71.77	77.59	79.15	82.22	82.22	81.48	81.53	82.42	82.91	81.91
30	5	60.06	77.20	77.86	76.73	78.90	77.02	81.69	83.31	81.29	78.71
	6	60.52	76.54	77.41	78.16	78.94	78.36	81.88	81.77	83.44	81.48
32	5	65.71	81.59	92.34	93.77	95.04	98.25	96.11	95.07	96.35	99.71
	6	64.07	98.27	92.82	92.56	94.44	94.75	94.07	94.30	96.91	99.18
34	5	98.59	18.15	186.11	121.15	186.7	186.7	186.7	186.7	186.7	186.7
	6	98.59	18.15	186.11	121.15	186.7	186.7	186.7	186.7	186.7	186.7

AMBIENT TEMP 63.82
WIND SPEED 04.02
REL PRESSURE 20.84
ABS PRESSURE 12.93

SCALE MODEL ACCUSTIC TEST T/D 8/28/69 R/C 9/5/65-3

2.002 40024 SPEED=77.0

04941 354.9

LATE 9/25/69

PAGE 2

RADIAL DISTANCE 252

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2
52	-4.12	-4.33	-5.29	-6.27	-7.27	-8.36	-9.44	-10.51	-11.58	-12.65	-13.72	-14.79
63	-9.27	-5.11	-6.34	-7.32	-8.32	-9.32	-10.32	-11.32	-12.32	-13.32	-14.32	-15.32
80	-9.69	-5.79	-7.25	-8.22	-9.22	-10.22	-11.22	-12.22	-13.22	-14.22	-15.22	-16.22
100	-1.15	-6.92	-7.61	-8.57	-9.57	-10.57	-11.57	-12.57	-13.57	-14.57	-15.57	-16.57
125	-7.78	-6.79	-7.61	-8.57	-9.57	-10.57	-11.57	-12.57	-13.57	-14.57	-15.57	-16.57
160	-7.99	-6.69	-7.12	-8.08	-9.08	-10.08	-11.08	-12.08	-13.08	-14.08	-15.08	-16.08
200	-6.75	-5.46	-6.91	-7.87	-8.87	-9.87	-10.87	-11.87	-12.87	-13.87	-14.87	-15.87
250	-3.29	-3.44	-5.25	-6.25	-7.25	-8.25	-9.25	-10.25	-11.25	-12.25	-13.25	-14.25
315	-2.08	-5.96	-2.85	-3.85	-4.85	-5.85	-6.85	-7.85	-8.85	-9.85	-10.85	-11.85
400	-6.19	-6.66	-4.86	-5.86	-6.86	-7.86	-8.86	-9.86	-10.86	-11.86	-12.86	-13.86
500	-6.34	-5.82	-4.65	-5.65	-6.65	-7.65	-8.65	-9.65	-10.65	-11.65	-12.65	-13.65
632	-7.92	-5.72	-4.44	-5.44	-6.44	-7.44	-8.44	-9.44	-10.44	-11.44	-12.44	-13.44
800	-7.19	-4.67	-3.88	-4.88	-5.88	-6.88	-7.88	-8.88	-9.88	-10.88	-11.88	-12.88
1000	-3.69	-1.66	-1.66	-2.66	-3.66	-4.66	-5.66	-6.66	-7.66	-8.66	-9.66	-10.66
1250	-8.88	-4.63	-3.69	-4.69	-5.69	-6.69	-7.69	-8.69	-9.69	-10.69	-11.69	-12.69
1600	-11.17	-5.20	-3.14	-4.14	-5.14	-6.14	-7.14	-8.14	-9.14	-10.14	-11.14	-12.14
2000	-9.42	-5.32	-2.83	-3.83	-4.83	-5.83	-6.83	-7.83	-8.83	-9.83	-10.83	-11.83
2500	-11.13	-7.71	-6.73	-7.73	-8.73	-9.73	-10.73	-11.73	-12.73	-13.73	-14.73	-15.73
3150	-14.12	-6.98	-6.71	-7.71	-8.71	-9.71	-10.71	-11.71	-12.71	-13.71	-14.71	-15.71
4000	-8.49	-4.88	-2.16	-3.16	-4.16	-5.16	-6.16	-7.16	-8.16	-9.16	-10.16	-11.16
5000	-12.12	-3.98	-3.73	-4.73	-5.73	-6.73	-7.73	-8.73	-9.73	-10.73	-11.73	-12.73
6320	-9.16	-3.36	-1.79	-2.79	-3.79	-4.79	-5.79	-6.79	-7.79	-8.79	-9.79	-10.79
8000	-9.86	-2.23	-1.48	-2.48	-3.48	-4.48	-5.48	-6.48	-7.48	-8.48	-9.48	-10.48
10000	-11.12	-3.99	-3.12	-4.12	-5.12	-6.12	-7.12	-8.12	-9.12	-10.12	-11.12	-12.12

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ASSIST TSP 83.04
 TEST TSP 68.08
 BAR PRESSURE 29.84
 ABS HUMIDITY 12.03

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D 9/5/69.3

DATE 9/25/69 SPEED 7720

RACIAL DISTANCE 232

DATE: 9/25/09

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM INLET										170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0	320.0	330.0	340.0	350.0	360.0	
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0																					
50	75.17	74.40	73.40	72.17	72.07	73.15	73.76	74.20	75.17	76.24	77.10	79.28	74.14	85.03	88.07	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
52	72.92	70.41	69.89	72.05	71.49	72.92	73.39	75.63	75.25	76.08	77.54	79.73	77.52	86.88	98.33	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
53	69.82	70.24	70.27	71.70	72.35	72.99	74.08	75.53	75.92	76.09	77.98	79.98	78.32	85.71	89.52	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
54	69.89	70.45	70.78	71.83	72.74	73.72	75.04	76.57	77.20	78.38	79.88	81.48	80.00	87.40	92.58	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
100	71.96	73.41	71.70	71.26	74.21	77.02	75.04	77.52	81.04	79.59	81.52	82.53	82.51	87.23	85.33	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
102	69.51	71.72	69.51	71.10	72.12	73.40	74.54	75.47	76.96	77.70	79.19	80.53	80.51	83.91	86.37	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
104	68.04	70.51	68.50	69.23	69.42	72.71	72.27	73.98	75.21	76.17	77.43	78.11	78.09	78.54	77.21	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
106	68.18	67.87	68.12	65.14	65.74	67.45	68.77	69.06	72.43	72.13	73.77	73.77	73.82	71.14	74.62	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
108	66.36	65.38	67.53	66.88	65.04	64.02	64.88	66.57	68.09	68.31	70.60	70.31	70.60	70.24	70.27	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
110	67.17	72.19	71.26	72.18	71.89	70.14	65.21	70.12	72.43	71.34	74.18	77.70	81.81	79.08	79.24	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
112	69.85	73.10	73.22	74.69	73.98	74.35	74.22	74.91	75.11	75.31	78.35	80.00	82.51	81.05	79.95	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
114	71.36	74.15	74.49	75.27	75.79	76.29	76.96	77.21	78.06	78.77	80.26	82.29	82.73	79.93	79.25	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
116	71.39	74.37	74.50	75.12	75.79	75.39	77.10	78.31	78.82	81.50	82.95	83.56	82.30	77.71	77.80	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
118	70.16	72.45	74.30	76.14	80.05	80.20	80.53	80.56	80.87	82.77	82.23	80.99	80.83	78.64	77.95	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
120	71.98	76.48	79.05	81.44	80.05	82.23	84.91	84.12	87.10	90.31	86.26	83.41	86.13	81.27	79.89	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
122	70.97	81.55	81.09	82.23	85.19	82.85	84.91	84.12	87.10	90.31	86.26	83.41	86.13	81.27	79.89	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
124	70.06	76.97	81.72	84.38	83.37	80.81	80.30	80.24	82.10	84.90	79.90	83.40	83.63	79.47	80.43	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
126	71.51	77.58	77.41	81.68	83.53	84.45	80.37	82.18	82.15	81.70	80.19	78.17	78.44	73.73	73.58	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
128	74.09	80.29	81.21	83.48	86.59	87.31	80.66	83.37	84.38	83.00	82.73	81.50	81.49	78.01	76.04	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
130	74.01	79.59	84.56	83.38	86.81	85.20	83.28	83.99	84.70	88.99	88.65	84.92	78.45	78.18	78.85	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
132	75.79	87.17	85.49	86.38	86.04	85.10	83.93	85.77	84.88	88.06	89.33	85.36	84.34	82.80	81.31	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
134	72.85	79.49	88.70	81.70	82.35	82.52	81.89	82.16	82.94	81.48	81.68	80.46	78.78	72.91	73.09	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
136	73.89	78.42	78.39	77.78	78.43	78.27	82.83	81.88	84.47	79.35	70.31	80.18	73.73	74.10	73.18	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
138	69.80	76.91	77.51	76.80	77.77	76.10	79.00	80.81	80.38	80.00	80.50	82.55	75.17	78.72	72.54	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
140	80.43	93.10	93.03	90.85	99.40	98.05	99.89	97.37	97.95	96.07	96.04	90.52	95.39	90.93	90.42	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
142	84.44	91.74	98.29	98.27	98.03	97.74	98.20	96.43	96.69	98.71	98.18	98.84	94.31	98.47	96.88	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0
144	59.30	100.7	100.9	110.0	111.3	111.3	110.9	109.4	111.3	109.3	109.7	108.1	108.2	105.1	105.4	130.3	132.3	134.0	137.3	140.0	143.0	145.3	148.0	150.0	153.0	156.0	159.0	162.0	165.0	168.0	170.0

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AMBIENT TEMP 63.00
 NET GLOB TEMP 68.00
 RAW PRESSURE 29.04
 ABS HUMIDITY 12.93

SCALE MODEL ACUSTIC TEST T/D W/20/09 R/D 9/5/09-3

RU=2 RCO=J SPEED=7967

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525-080-11

DAPWL: 198.5

RAIAL DISTANCE 25.

3.000 PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
10.0	-5.22	-4.04	-3.47	-2.74	-1.84	-0.51	0.51	1.82	3.31	4.71	5.92	6.93	7.74	8.38	8.85	9.17	9.36	9.44
20.0	-1.12	-0.99	-0.82	-0.61	-0.37	-0.12	0.12	0.37	0.61	0.82	0.99	1.12	1.24	1.34	1.41	1.46	1.49	1.51
30.0	-1.10	-0.95	-0.77	-0.55	-0.32	-0.08	0.16	0.41	0.65	0.87	1.06	1.22	1.36	1.47	1.55	1.60	1.63	1.65
40.0	-0.94	-0.79	-0.59	-0.37	-0.14	0.09	0.32	0.52	0.68	0.81	0.92	0.99	1.04	1.08	1.11	1.13	1.14	1.15
50.0	-0.74	-0.59	-0.39	-0.17	0.06	0.29	0.49	0.64	0.75	0.82	0.86	0.88	0.89	0.90	0.90	0.90	0.90	0.90
60.0	-0.54	-0.39	-0.19	0.03	0.26	0.46	0.61	0.71	0.77	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
70.0	-0.34	-0.19	0.01	0.23	0.43	0.58	0.68	0.73	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
80.0	-0.14	0.01	0.21	0.39	0.54	0.64	0.69	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
90.0	0.06	0.21	0.39	0.54	0.64	0.69	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
100.0	0.26	0.41	0.59	0.74	0.84	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
110.0	0.46	0.61	0.79	0.94	1.04	1.09	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
120.0	0.66	0.81	0.99	1.14	1.24	1.29	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31
130.0	0.86	1.01	1.19	1.34	1.44	1.49	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
140.0	1.06	1.21	1.39	1.54	1.64	1.69	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
150.0	1.26	1.41	1.59	1.74	1.84	1.89	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91
160.0	1.46	1.61	1.79	1.94	2.04	2.09	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11
170.0	1.66	1.81	1.99	2.14	2.24	2.29	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31
180.0	1.86	2.01	2.19	2.34	2.44	2.49	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51

ANGLE TEST 25.00
PRESSURE 60.00
DIRECTIVITY 25.00
A.S. 12.00

SCALE MODEL ACUSTIC TEST 7/5 6/28/69 R/D 9/5/69-3

R. ac 400032 SPEED=6114

DATE 9/5/59

PAGE 1

RACIAL DISTANCE 282

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ		2.0	16.0	2.0	32.0	40.0	50.0	63.0	80.0	100.0	125.0	160.0	200.0	250.0	315.0	400.0	500.0	630.0	800.0	1000.0	1250.0	1600.0	2000.0	2500.0	3150.0	4000.0	5000.0	6300.0	8000.0	10000.0	
		VALUES FROM TABLE																													
57	72.41	75.58	74.43	73.58	74.22	74.42	75.25	75.51	75.57	77.82	78.74	80.98	76.34	80.27	81.15	130.4															
63	72.29	72.62	71.36	73.25	72.94	73.62	74.33	76.37	76.49	76.42	79.58	81.09	78.98	89.87	92.41	139.2															
80	74.22	70.59	71.82	72.89	73.69	74.09	75.65	76.77	76.79	78.18	79.98	82.04	82.22	87.66	91.58	138.0															
100	74.45	71.68	71.82	73.10	74.22	75.23	76.45	77.23	78.15	79.35	81.68	83.85	83.81	87.48	89.76	138.0															
125	72.50	74.15	74.21	72.98	75.92	77.64	77.65	78.59	81.53	81.58	81.70	83.11	84.39	88.53	90.67	137.0															
160	71.25	73.11	72.89	71.38	74.86	75.75	76.53	77.82	78.38	80.21	82.37	83.29	82.38	85.79	87.83	137.0															
200	69.01	71.13	69.37	69.19	72.71	71.37	73.31	74.77	76.85	77.37	78.62	79.14	79.62	88.00	76.79	134.4															
250	69.53	67.29	66.37	65.75	68.74	67.73	70.38	71.87	73.37	74.32	75.19	73.53	71.29	72.39	74.87	138.8															
315	68.25	66.71	69.54	69.14	68.80	66.58	66.79	68.21	69.29	70.19	70.12	73.54	74.15	74.42	71.78	129.3															
400	71.08	75.42	72.72	74.22	73.73	73.11	74.40	74.74	74.97	73.48	72.48	82.18	81.89	88.49	74.58	132.7															
500	72.75	74.85	73.26	76.13	76.17	76.14	76.84	75.76	77.66	77.39	80.48	83.45	83.54	81.74	77.82	137.8															
630	74.37	76.35	76.11	75.16	83.65	82.02	84.43	83.49	83.17	82.36	83.58	84.40	84.24	81.24	82.36	141.0															
800	72.44	76.04	79.52	83.39	84.39	83.48	87.32	89.93	87.65	84.92	84.97	83.39	84.60	79.41	82.38	144.5															
1000	72.72	75.38	77.31	82.06	85.95	82.62	83.11	86.32	88.15	79.99	88.94	79.35	88.74	77.72	88.35	148.8															
1250	70.95	82.48	80.27	93.18	93.15	93.62	92.26	94.62	95.97	87.98	87.98	87.00	85.72	82.18	83.64	149.3															
1600	73.82	83.37	87.89	94.29	94.29	94.51	94.23	94.52	95.06	87.98	87.98	87.00	85.72	82.18	83.64	149.3															
2000	76.36	82.19	82.27	88.84	91.39	89.69	87.69	84.53	85.78	82.36	83.36	81.27	82.39	81.28	78.63	146.1															
2500	73.37	79.52	78.99	83.87	85.82	84.49	87.81	83.17	82.46	83.40	81.99	79.52	78.64	74.76	75.33	143.3															
3150	77.38	82.63	84.52	85.93	89.74	88.72	86.35	85.47	85.44	85.19	84.98	82.06	82.51	76.72	98.58	147.7															
4000	75.77	82.66	83.57	84.14	86.73	85.23	83.11	85.22	83.87	82.11	82.00	81.07	78.83	79.44	79.18	148.7															
5000	78.15	86.93	85.28	87.23	87.57	86.36	92.46	87.75	88.84	83.66	94.16	88.41	81.35	83.28	81.95	150.8															
6300	75.07	81.75	81.25	84.41	84.69	83.34	86.52	84.27	83.80	83.41	84.85	82.85	80.32	75.35	78.37	146.8															
8000	72.59	79.59	82.29	79.37	82.84	79.64	83.76	82.14	82.80	82.03	82.23	77.72	73.32	76.35	75.55	141.9															
10000	71.22	77.13	77.24	77.45	79.39	79.48	81.49	82.28	81.23	82.18	83.17	81.23	76.17	71.16	72.71	146.5															
12500	69.37	83.86	85.72	89.49	102.8	99.07	102.8	98.07	98.28	99.23	98.47	97.73	90.81	98.42	99.99																
16000	80.29	93.82	94.76	98.10	99.95	98.93	99.98	98.82	97.17	96.87	97.23	96.04	95.77	97.29	98.79																
20000	101.5	121.5	105.2	111.3	112.4	111.4	113.2	111.1	111.3	112.9	111.6	109.3	107.6	106.6	106.0																

158.3

GRAPH 1

Ambient Temp 83.80
Barometric Temp 68.80
Atm Pressure 29.94
Humidity 12.95

NAME MODEL ACUSTIC TEST 1/3 0/25/59 R/C 9/5/59-3

9.82 RC3032 SPEAKER 3

LATE: 9/5/69

RADIAL DISTANCE - 250

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SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

DEPTH	14.0	16.0	20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0	56.0	60.0	64.0	68.0	72.0	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0	112.0	116.0	120.0	124.0	128.0	132.0	136.0	140.0	144.0	148.0	152.0	156.0	160.0	164.0	168.0	172.0	176.0	180.0	184.0	188.0	192.0	196.0	200.0	204.0	208.0	212.0	216.0	220.0	224.0	228.0	232.0	236.0	240.0	244.0	248.0	252.0	256.0	260.0	264.0	268.0	272.0	276.0	280.0	284.0	288.0	292.0	296.0	300.0	304.0	308.0	312.0	316.0	320.0	324.0	328.0	332.0	336.0	340.0	344.0	348.0	352.0	356.0	360.0	364.0	368.0	372.0	376.0	380.0	384.0	388.0	392.0	396.0	400.0	404.0	408.0	412.0	416.0	420.0	424.0	428.0	432.0	436.0	440.0	444.0	448.0	452.0	456.0	460.0	464.0	468.0	472.0	476.0	480.0	484.0	488.0	492.0	496.0	500.0	504.0	508.0	512.0	516.0	520.0	524.0	528.0	532.0	536.0	540.0	544.0	548.0	552.0	556.0	560.0	564.0	568.0	572.0	576.0	580.0	584.0	588.0	592.0	596.0	600.0	604.0	608.0	612.0	616.0	620.0	624.0	628.0	632.0	636.0	640.0	644.0	648.0	652.0	656.0	660.0	664.0	668.0	672.0	676.0	680.0	684.0	688.0	692.0	696.0	700.0	704.0	708.0	712.0	716.0	720.0	724.0	728.0	732.0	736.0	740.0	744.0	748.0	752.0	756.0	760.0	764.0	768.0	772.0	776.0	780.0	784.0	788.0	792.0	796.0	800.0	804.0	808.0	812.0	816.0	820.0	824.0	828.0	832.0	836.0	840.0	844.0	848.0	852.0	856.0	860.0	864.0	868.0	872.0	876.0	880.0	884.0	888.0	892.0	896.0	900.0	904.0	908.0	912.0	916.0	920.0	924.0	928.0	932.0	936.0	940.0	944.0	948.0	952.0	956.0	960.0	964.0	968.0	972.0	976.0	980.0	984.0	988.0	992.0	996.0	1000.0	1004.0	1008.0	1012.0	1016.0	1020.0	1024.0	1028.0	1032.0	1036.0	1040.0	1044.0	1048.0	1052.0	1056.0	1060.0	1064.0	1068.0	1072.0	1076.0	1080.0	1084.0	1088.0	1092.0	1096.0	1100.0	1104.0	1108.0	1112.0	1116.0	1120.0	1124.0	1128.0	1132.0	1136.0	1140.0	1144.0	1148.0	1152.0	1156.0	1160.0	1164.0	1168.0	1172.0	1176.0	1180.0	1184.0	1188.0	1192.0	1196.0	1200.0	1204.0	1208.0	1212.0	1216.0	1220.0	1224.0	1228.0	1232.0	1236.0	1240.0	1244.0	1248.0	1252.0	1256.0	1260.0	1264.0	1268.0	1272.0	1276.0	1280.0	1284.0	1288.0	1292.0	1296.0	1300.0	1304.0	1308.0	1312.0	1316.0	1320.0	1324.0	1328.0	1332.0	1336.0	1340.0	1344.0	1348.0	1352.0	1356.0	1360.0	1364.0	1368.0	1372.0	1376.0	1380.0	1384.0	1388.0	1392.0	1396.0	1400.0	1404.0	1408.0	1412.0	1416.0	1420.0	1424.0	1428.0	1432.0	1436.0	1440.0	1444.0	1448.0	1452.0	1456.0	1460.0	1464.0	1468.0	1472.0	1476.0	1480.0	1484.0	1488.0	1492.0	1496.0	1500.0	1504.0	1508.0	1512.0	1516.0	1520.0	1524.0	1528.0	1532.0	1536.0	1540.0	1544.0	1548.0	1552.0	1556.0	1560.0	1564.0	1568.0	1572.0	1576.0	1580.0	1584.0	1588.0	1592.0	1596.0	1600.0	1604.0	1608.0	1612.0	1616.0	1620.0	1624.0	1628.0	1632.0	1636.0	1640.0	1644.0	1648.0	1652.0	1656.0	1660.0	1664.0	1668.0	1672.0	1676.0	1680.0	1684.0	1688.0	1692.0	1696.0	1700.0	1704.0	1708.0	1712.0	1716.0	1720.0	1724.0	1728.0	1732.0	1736.0	1740.0	1744.0	1748.0	1752.0	1756.0	1760.0	1764.0	1768.0	1772.0	1776.0	1780.0	1784.0	1788.0	1792.0	1796.0	1800.0	1804.0	1808.0	1812.0	1816.0	1820.0	1824.0	1828.0	1832.0	1836.0	1840.0	1844.0	1848.0	1852.0	1856.0	1860.0	1864.0	1868.0	1872.0	1876.0	1880.0	1884.0	1888.0	1892.0	1896.0	1900.0	1904.0	1908.0	1912.0	1916.0	1920.0	1924.0	1928.0	1932.0	1936.0	1940.0	1944.0	1948.0	1952.0	1956.0	1960.0	1964.0	1968.0	1972.0	1976.0	1980.0	1984.0	1988.0	1992.0	1996.0	2000.0	2004.0	2008.0	2012.0	2016.0	2020.0	2024.0	2028.0	2032.0	2036.0	2040.0	2044.0	2048.0	2052.0	2056.0	2060.0	2064.0	2068.0	2072.0	2076.0	2080.0	2084.0	2088.0	2092.0	2096.0	2100.0	2104.0	2108.0	2112.0	2116.0	2120.0	2124.0	2128.0	2132.0	2136.0	2140.0	2144.0	2148.0	2152.0	2156.0	2160.0	2164.0	2168.0	2172.0	2176.0	2180.0	2184.0	2188.0	2192.0	2196.0	2200.0	2204.0	2208.0	2212.0	2216.0	2220.0	2224.0	2228.0	2232.0	2236.0	2240.0	2244.0	2248.0	2252.0	2256.0	2260.0	2264.0	2268.0	2272.0	2276.0	2280.0	2284.0	2288.0	2292.0	2296.0	2300.0	2304.0	2308.0	2312.0	2316.0	2320.0	2324.0	2328.0	2332.0	2336.0	2340.0	2344.0	2348.0	2352.0	2356.0	2360.0	2364.0	2368.0	2372.0	2376.0	2380.0	2384.0	2388.0	2392.0	2396.0	2400.0	2404.0	2408.0	2412.0	2416.0	2420.0	2424.0	2428.0	2432.0	2436.0	2440.0	2444.0	2448.0	2452.0	2456.0	2460.0	2464.0	2468.0	2472.0	2476.0	2480.0	2484.0	2488.0	2492.0	2496.0	2500.0	2504.0	2508.0	2512.0	2516.0	2520.0	2524.0	2528.0	2532.0	2536.0	2540.0	2544.0	2548.0	2552.0	2556.0	2560.0	2564.0	2568.0	2572.0	2576.0	2580.0	2584.0	2588.0	2592.0	2596.0	2600.0	2604.0	2608.0	2612.0	2616.0	2620.0	2624.0	2628.0	2632.0	2636.0	2640.0	2644.0	2648.0	2652.0	2656.0	2660.0	2664.0	2668.0	2672.0	2676.0	2680.0	2684.0	2688.0	2692.0	2696.0	2700.0	2704.0	2708.0	2712.0	2716.0	2720.0	2724.0	2728.0	2732.0	2736.0	2740.0	2744.0	2748.0	2752.0	2756.0	2760.0	2764.0	2768.0	2772.0	2776.0	2780.0	2784.0	2788.0	2792.0	2796.0	2800.0	2804.0	2808.0	2812.0	2816.0	2820.0	2824.0	2828.0	2832.0	2836.0	2840.0	2844.0	2848.0	2852.0	2856.0	2860.0	2864.0	2868.0	2872.0	2876.0	2880.0	2884.0	2888.0	2892.0	2896.0	2900.0	2904.0	2908.0	2912.0	2916.0	2920.0	2924.0	2928.0	2932.0	2936.0	2940.0	2944.0	2948.0	2952.0	2956.0	2960.0	2964.0	2968.0	2972.0	2976.0	2980.0	2984.0	2988.0	2992.0	2996.0	3000.0	3004.0	3008.0	3012.0	3016.0	3020.0	3024.0	3028.0	3032.0	3036.0	3040.0	3044.0	3048.0	3052.0	3056.0	3060.0	3064.0	3068.0	3072.0	3076.0	3080.0	3084.0	3088.0	3092.0	3096.0	3100.0	3104.0	3108.0	3112.0	3116.0	3120.0	3124.0	3128.0	3132.0	3136.0	3140.0	3144.0	3148.0	3152.0	3156.0	3160.0	3164.0	3168.0	3172.0	3176.0	3180.0	3184.0	3188.0	3192.0	3196.0	3200.0	3204.0	3208.0	3212.0	3216.0	3220.0	3224.0	3228.0	3232.0	3236.0	3240.0	3244.0	3248.0	3252.0	3256.0	3260.0	3264.0	3268.0	3272.0	3276.0	3280.0	3284.0	3288.0	3292.0	3296.0	3300.0	3304.0	3308.0	3312.0	3316.0	3320.0	3324.0	3328.0	3332.0	3336.0	3340.0	3344.0	3348.0	3352.0	3356.0	3360.0	3364.0	3368.0	3372.0	3376.0	3380.0	3384.0	3388.0	3392.0	3396.0	3400.0	3404.0	3408.0	3412.0	3416.0	3420.0	3424.0	3428.0	3432.0	3436.0	3440.0	3444.0	3448.0	3452.0	3456.0	3460.0	3464.0	3468.0	3472.0	3476.0	3480.0	3484.0	3488.0	3492.0	3496.0	3500.0	3504.0	3508.0	3512.0	3516.0	3520.0	3524.0	3528.0	3532.0	3536.0	3540.0	3544.0	3548.0	3552.0	3556.0	3560.0	3564.0	3568.0	3572.0	3576.0	3580.0	3584.0	3588.0	3592.0	3596.0	3600.0	3604.0	3608.0	3612.0	3616.0	3620.0	3624.0	3628.0	3632.0	3636.0	3640.0	3644.0	3648.0	3652.0	3656.0	3660.0	3664.0	3668.0	3672.0	3676.0	3680.0	3684.0	3688.0	3692.0	3696.0	3700.0	3704.0	3708.0	3712.0	3716.0	3720.0	3724.0	3728.0	3732.0	3736.0	3740.0	3744.0	3748.0	3752.0	3756.0	3760.0	3764.0	3768.0	3772.0	3776.0	3780.0	3784.0	3788.0	3792.0	3796.0	3800.0	3804.0	3808.0	3812.0	3816.0	3820.0	3824.0	3828.0	3832.0	3836.0	3840.0	3844.0	3848.0	3852.0	3856.0	3860.0	3864.0	3868.0	3872.0	3876.0	3880.0	3884.0	3888.0	3892.0	3896.0	3900.0	3904.0	3908.0	3912.0	3916.0	3920.0	3924.0	3928.0	3932.0	3936.0	3940.0	3944.0	3948.0	3952.0	3956.0	3960.0	3964.0	3968.0	3972.0	3976.0	3980.0	3984.0	3988.0	3992.0	3996.0	4000.0	4004.0	4008.0	4012.0	4016.0	4020.0	4024.0	4028.0	4032.0	4036.0	4040.0	4044.0	4048.0	4052.0	4056.0	4060.0	4064.0	4068.0	4072.0	4076.0	4080.0	4084.0	4088.0	4092.0	4096.0	4100.0	4104.0	4108.0	4112.0	4116.0	4120.0	4124.0	4128.0	4132.0	4136.0	4140.0	4144.0	4148.0	4152.0	4156.0	4160.0	4164.0	4168.0	4172.0	4176.0	4180.0	4184.0	4188.0	4192.0	4196.0	4200.0	4204.0	4208.0	4212.0	4216.0	4220.0	4224.0	4228.0	4232.0	4236.0	4240.0	4244.0	4248.0	4252.0	4256.0	4260.0	4264.0	4268.0	4272.0	4276.0	4280.0	4284.0	4288.0	4292.0	4296.0	4300.0	4304.0	4308.0	4312.0	4316.0	4320.0	4324.0	4328.0	4332.0	4336.0	4340.0	4344.0	4348.0	4352.0	4356.0	4360.0	4364.0	4368.0	4372.0	4376.0	4380.0	4384.0	4388.0	4392.0	4396.0	4400.0	4404.0	4408.0	4412.0	4416.0	4420.0	4424.0	4428.0	4432.0	4436.0	4440.0	4444.0	4448.0	4452.0	4456.0	4460.0	4464.0	4468.0	4472.0	4476.0	4480.0	4484.0	4488.0	4492.0	4496.0	4500.0	4504.0	4508.0	4512.0	4516.0	4520.0	4524.0	4528.0	4532.0	4536
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RACIAL DISTANCE 250

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM 12 O'CLOCK	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°	165°	180°
1000	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
900	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
800	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
700	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
600	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
500	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
400	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
300	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
200	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
100	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
0	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-100	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-200	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-300	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-400	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-500	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-600	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-700	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-800	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-900	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
-1000	-0.45	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10

1000 25.00
900 25.00
800 25.00
700 25.00
600 25.00
500 25.00
400 25.00
300 25.00
200 25.00
100 25.00
0 25.00
-100 25.00
-200 25.00
-300 25.00
-400 25.00
-500 25.00
-600 25.00
-700 25.00
-800 25.00
-900 25.00
-1000 25.00

SOUND PRESSURE LEVEL TEST R/D 9/5/69-3

2. 22 10303 SPEED 0.85

DATE: 9/02/69

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	2.0	10.0	20.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
50	65.08	67.89	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74	68.74
63	64.32	66.11	66.52	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43	66.43
82	67.36	67.12	67.68	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37	67.37
122	69.10	68.57	69.49	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69
160	67.18	64.25	64.14	66.82	67.58	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38	68.38
200	62.37	62.94	64.85	66.29	67.39	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77	67.77
250	67.35	67.75	67.81	68.17	67.99	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71	67.71
315	61.40	61.51	61.85	62.84	62.56	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73	62.73
400	61.58	60.58	62.19	63.33	63.57	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70	64.70
500	60.88	60.00	61.15	62.02	62.23	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35	63.35
632	60.80	62.44	63.82	64.34	64.34	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41
800	59.56	62.44	63.82	64.34	64.34	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41	65.41
1000	70.84	69.22	67.66	67.84	67.55	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29
1250	74.53	73.86	72.95	73.49	72.68	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54	73.54
1600	77.35	77.37	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88	76.88
2000	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64
2500	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17	77.17
3150	81.53	80.20	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72
4000	84.14	83.42	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34	83.34
5000	78.12	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06	78.06
6300	83.42	84.73	81.88	82.78	82.78	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05	85.05
8000	81.10	82.27	77.98	78.93	79.23	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15	82.15
10000	88.13	81.88	77.75	78.35	79.37	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39	80.39

MEASURED CASPL
CALCULATED CASPL
P/NB

Ambient Temp 78.08
Wet-Bulb Temp 66.82
Bar Pressure 29.87
Abs Humidity 12.69

SCALE NO. EL ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3
RUN#2 RDG# 5 SPEED#5447

CAPML: 146.7

DATE: 9/22/69

RADIUS DISTANCE 150

PAGE: 2

SCAL. PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
50	2.127	-0.048	-0.012	-0.011	1.950	1.230	5.323	2.987											
63	2.135	-0.558	-0.144	-0.241	1.558	1.594	4.952	2.129											
80	2.184	-1.159	-0.814	-0.862	1.273	1.032	4.387	3.586											
100	2.111	-1.240	-1.107	-0.667	1.445	2.099	3.941	3.358											
125	2.120	-1.084	-0.826	-0.838	1.446	2.246	4.224	4.163											
150	2.114	-0.887	-0.717	-0.833	1.381	1.787	3.878	4.138											
180	2.112	-0.419	-0.358	-0.279	1.864	2.443	3.471	3.779											
200	2.119	0.228	0.598	0.553	1.256	2.443	3.471	3.779											
225	2.140	0.945	0.399	0.228	0.795	2.189	3.231	3.118											
250	2.130	1.214	0.119	0.287	0.848	1.134	2.897	3.118											
280	2.130	1.444	0.139	0.158	0.848	1.134	2.897	3.118											
300	2.130	1.701	0.887	0.884	1.191	2.087	2.089	3.441											
325	2.172	1.130	0.548	0.274	0.397	1.181	2.156	2.121											
350	2.170	1.482	1.488	0.832	0.672	1.130	2.194	2.121											
380	2.155	2.335	1.999	0.888	0.488	1.088	1.491	2.127											
400	2.171	2.335	1.999	0.888	0.488	1.088	1.491	2.127											
425	2.130	2.185	1.922	1.140	0.927	1.123	1.883	2.121											
450	2.130	1.104	0.804	0.330	0.851	1.033	1.883	2.121											
480	2.130	2.024	0.294	0.271	0.847	1.033	1.883	2.121											
500	2.130	2.514	1.516	0.100	0.854	1.033	1.883	2.121											
525	2.130	2.928	1.760	0.398	0.852	1.033	1.883	2.121											
550	2.130	2.569	0.262	0.484	0.852	1.033	1.883	2.121											
580	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											
600	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											
625	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											
650	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											
675	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											
700	2.130	2.652	0.144	0.684	0.852	1.033	1.883	2.121											

AMBIENT TEMP. 78.00
WET-BULB TEMP. 66.00
BAR. PRESSURE 29.07
ADS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 3/20/69 R/D 9/2/69-3

RUN#2 RDS# 6 SPEED#5437

DATE: 9/22/69

RACIAL DISTANCE 198

PAGE 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	ANGLE FROM INLET									
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
50	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
63	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
80	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
100	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
125	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
160	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
200	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
250	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
315	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
400	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
500	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
630	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
800	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
1000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
1250	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
1600	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
2000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
2500	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
3150	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
4000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
5000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
6300	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
8000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000
10000	1002	1700	1857	1421	1102	1000	1000	1000	1000	1000

AMBIENT TEMP: 78.00
WET-BULB TEMP: 66.00
BAR. PRESSURE: 29.87
AIR HUMIDITY: 52.00

SCALE MODEL, ACOUSTIC TEST T/D 0/20/69 R/D 9/2/69-3

RUN#2 RUN# 7 922005734

DATE: 9/22/89

R-DIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
50	70.71	71.90	73.97	71.27	72.25	71.27	72.25	71.27	72.25	71.27	72.25	71.27	72.25	71.27	72.25	71.27	72.25	71.27	72.25	71.27
63	67.47	69.08	70.36	70.27	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82
80	64.72	66.28	68.47	68.94	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36	70.36
100	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84	72.84
125	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82
160	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
200	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
250	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
315	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
400	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
500	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
630	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
800	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
1000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
1250	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
1600	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
2000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
2500	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
3150	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
4000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
5000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
6300	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
8000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75
10000	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75	64.75

MEASURED CASPL
CALCULATED CASPL
PdB

CAPML: 158.0

AMBIENT TEMP: 81.00
WET-BULB TEMP: 67.00
BAR. PRESSURE: 29.10
ABS. HUMIDITY: 12.00

SCALE MODEL ACOUSTIC TEST T/C 8/28/89 R/D 9/2/89-3

RUN#2 RDO# 9 SPEND#6152

RADIAL DISTANCE 150

PAGE: 3

BOYAC PRESSURE LEVELS DZOREGIVITY INDEX

[illegible]

AMBIENT TEMP.	82.02
GYMNASIUM TEMP.	67.68
BAR. PRESSURE	29.00
ABS. HUMIDITY	12.40

SCALE MODEL ACQUISITION 7597 7/9 0/20/09 0/0 0/2/09:3

0009 9

D

DATE: 9/22/65

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET										
	10.0	22.5	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	120.0
50	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
63	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
80	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
100	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
125	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
160	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
200	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
250	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
315	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
400	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
500	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
630	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
800	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1000	13.7	12.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0

AMBIENT TEMP 61.00
WET-BULB TEMP 67.00
BAR. PRESSURE 29.00
ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3
R0402 R00012 SPEEU0437

DATE: 9/22/69

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RADIAL DISTANCE: 158

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
ANGLE FROM INLET																					
50	71.32	73.22	74.48	74.16	74.03	73.75	74.37	75.35													
55	69.28	72.75	73.87	73.41	73.95	72.99	74.51	75.27													
60	68.55	70.62	72.88	71.93	73.14	73.23	74.13	75.35													
65	71.07	72.44	72.88	72.44	72.88	72.88	74.38	75.48													
70	69.91	70.87	71.92	73.38	75.12	75.35	75.49	76.17													
75	67.42	68.38	69.82	70.87	72.58	72.64	73.43	74.44													
80	66.96	66.55	68.31	69.24	69.92	70.14	71.45	72.46													
85	64.98	65.34	68.22	68.98	69.42	69.12	67.97	68.85													
90	69.95	68.84	68.84	67.87	69.49	70.88	71.71	73.77													
95	73.34	72.88	72.87	72.34	73.85	74.28	74.38	74.12													
100	74.36	73.06	73.07	74.07	75.32	75.04	77.35	78.09													
105	73.17	73.17	74.36	75.86	74.38	75.38	74.13	74.87													
110	74.17	73.12	71.98	72.98	72.48	72.96	74.84	75.89													
115	78.02	77.88	76.81	77.26	76.83	77.34	77.08	77.23													
120	80.28	79.29	79.08	77.81	77.08	76.08	76.07	76.53													
125	81.91	81.84	80.74	79.42	79.04	78.16	79.14	80.02													
130	80.77	80.43	79.43	78.57	79.13	78.83	80.31	81.11													
135	81.23	82.47	81.71	80.63	80.74	80.84	82.48	83.34													
140	84.97	85.41	84.93	84.54	84.96	85.16	86.85	87.82													
145	92.35	93.58	92.39	92.82	92.73	92.49	94.36	95.79													
150	83.91	85.89	82.28	83.38	83.11	81.94	87.32	88.89													
155	84.32	85.37	84.82	84.18	83.11	81.28	84.11	85.22													
160	89.93	89.86	89.29	89.39	89.44	89.33	89.87	89.22													
165	83.47	83.21	80.88	83.23	82.29	84.59	87.11	88.83													
170	92.99	93.88	94.81	97.57	98.16	98.69	99.88	99.57													
175	96.97	97.74	98.49	98.22	98.89	97.31	97.52	98.87													
180	112.11	113.4	111.1	111.6	111.9	112.1	111.2	111.9													

MEASURED CASPL
CALCULATED CASPL
PSDR

AMBIENT TEMP: 91.00
WET-BULB TEMP: 77.00
BAR. PRESSURE: 29.80
ABS. HUMIDITY: 12.60

SCALE MODEL ACOUSTIC TEST T/D 8/20/69 R/D 9/2/69-3

RUN#2 R0611 SPEED#6507

0APHL1 152.8

DATE: 9/2/69

RADIAL DISTANCE 150

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET															
	2.0	10.0	22.0	32.0	45.0	55.0	65.0	75.0	85.0	92.0	102.0	112.0	122.0	132.0	142.0	150.0
50	-1.86	-0.98	2.00	1.75	2.22	2.20	1.3									
60	-2.50	-0.85	2.01	1.55	2.55	2.55										
80	-2.20	-0.82	0.77	0.80	2.55											
100	-3.07	-2.71	-2.19	1.04	3.43											
120	-2.41	-2.23	0.33	1.00	2.24	2.52										
140	-2.72	-1.76	0.33	0.73	2.34	2.40										
160	-1.15	-1.57	0.33	1.21	1.81	2.55										
180	-1.24	-0.81	0.97	0.94	1.99	2.55										
200	1.03	0.81	0.97	0.74	0.72	0.72										
220	0.37	0.84	-0.16	-0.40	0.32	0.42										
240	0.80	0.33	-0.38	0.84	0.33	0.33										
260	1.54	-0.33	0.36	1.74	0.33	0.33										
280	2.59	1.54	0.80	0.81	0.33	0.33										
300	3.50	1.04	0.27	1.20	0.33	0.33										
320	3.00	2.02	1.40	0.23	0.33	0.33										
340	2.00	2.24	1.03	0.24	0.33	0.33										
360	2.22	2.27	0.81	0.23	0.33	0.33										
380	1.90	1.93	1.23	1.94	0.33	0.33										
400	1.84	1.70	0.80	1.84	0.33	0.33										
420	2.34	1.70	1.32	1.87	0.33	0.33										
440	1.90	1.70	0.87	2.07	0.33	0.33										
460	-0.02	-2.34	-0.16	-0.33	0.33	0.33										
480	1.42	1.48	1.16	0.83	0.33	0.33										
500	0.82	0.66	-0.20	-0.39	0.33	0.33										

AMBIENT TEMP 61.00
WET-BULB TEMP 61.00
BAR. PRESSURE 29.80
ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/C 9/2/69-3

RUN#2 R0011 SPEED#0002

DATE: 9/22/69

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

PRESS	ANGLE FROM INLET									
	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
100	71.92	72.37	74.26	74.09	75.19	74.71	74.18	77.32	106.5	106.5
105	71.83	73.01	75.51	74.16	74.66	74.46	74.64	77.35	106.4	106.4
110	71.28	71.64	73.22	73.34	74.24	75.05	76.19	77.95	106.2	106.2
115	71.87	71.28	72.24	72.23	73.48	74.48	75.72	78.44	106.7	106.7
120	71.53	72.34	73.84	74.61	75.85	76.78	77.18	78.79	106.9	106.9
125	68.66	68.97	70.48	72.25	73.43	73.92	75.29	76.13	107.1	107.1
130	68.11	67.49	68.53	70.29	71.46	72.07	73.45	74.17	107.0	107.0
135	68.41	68.23	68.24	69.14	70.14	70.85	72.45	73.17	107.4	107.4
140	71.84	70.64	69.25	69.88	70.87	72.38	73.87	75.12	107.3	107.3
145	72.81	72.32	72.81	73.34	74.25	75.74	77.30	78.88	107.8	107.8
150	77.43	75.38	73.93	74.61	76.00	77.39	79.11	80.92	107.9	107.9
155	73.34	73.84	75.49	76.28	78.02	79.63	81.68	83.56	108.4	108.4
160	74.23	73.66	75.77	76.37	78.34	79.44	81.39	83.29	108.7	108.7
165	78.07	77.59	79.51	80.36	82.23	83.99	85.78	87.59	108.8	108.8
170	78.78	78.08	80.24	81.35	83.59	85.77	87.92	90.02	108.7	108.7
175	78.38	78.24	80.44	81.42	83.84	85.79	87.94	90.08	108.2	108.2
180	78.25	78.78	80.85	81.71	84.38	86.23	88.39	90.48	108.3	108.3
185	79.74	78.64	80.44	81.37	84.34	86.35	88.51	90.62	108.5	108.5
190	84.45	84.06	86.26	87.38	89.07	90.95	92.88	94.86	108.8	108.8
195	92.98	94.06	95.54	96.92	98.17	99.02	100.29	101.36	109.5	109.5
200	88.54	89.95	91.17	92.04	93.91	95.94	97.44	98.73	109.9	109.9
205	84.44	84.88	85.82	87.27	88.37	89.37	90.41	91.47	109.7	109.7
210	89.83	89.88	90.83	91.49	92.95	94.38	95.82	97.21	109.4	109.4
215	84.84	83.71	82.18	84.84	86.84	88.77	90.74	92.66	109.2	109.2
220	98.61	98.79	99.97	99.12	98.28	99.26	99.86	99.88		
225	96.95	97.07	99.61	96.75	96.82	97.92	97.39	96.88		
230	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8		

MEASURED CASPL
CALCULATED CASPL
PROJ

OAPML 1

AMBIENT TEMP: 81.00
WET-BULB TEMP: 67.00
BAR. PRESSURE: 29.94
ABS. HUMIDITY: 12.66

SCALE MODEL ACOUSTIC TEST 7/D 8/20/69 R/D 9/2/69-3

RUN:2 R0612 3988006927

DATE: 9/2/69

PAGE: 2

RADIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	2.2	18.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
52	-1.32	-0.67	1.029	1.039	1.049	1.049	1.049	1.049	1.049	1.049
63	-2.83	-1.47	0.929	1.039	1.049	1.049	1.049	1.049	1.049	1.049
87	-1.45	-1.05	-0.518	0.929	1.039	1.049	1.049	1.049	1.049	1.049
104	-3.10	-2.58	-0.467	0.929	1.039	1.049	1.049	1.049	1.049	1.049
122	-4.44	-3.42	-0.932	0.929	1.039	1.049	1.049	1.049	1.049	1.049
149	-2.62	-2.51	-0.992	0.929	1.039	1.049	1.049	1.049	1.049	1.049
202	-1.88	-1.68	-0.643	1.039	1.049	1.049	1.049	1.049	1.049	1.049
256	-1.89	-0.349	-0.444	0.929	1.039	1.049	1.049	1.049	1.049	1.049
313	-3.79	-1.42	-1.24	0.929	1.039	1.049	1.049	1.049	1.049	1.049
400	-0.125	-0.274	-1.09	0.929	1.039	1.049	1.049	1.049	1.049	1.049
502	-1.83	-0.884	-0.135	0.929	1.039	1.049	1.049	1.049	1.049	1.049
63	-1.23	-0.735	0.153	1.039	1.049	1.049	1.049	1.049	1.049	1.049
82	1.075	1.182	2.164	1.039	1.049	1.049	1.049	1.049	1.049	1.049
104	0.944	0.924	0.924	1.039	1.049	1.049	1.049	1.049	1.049	1.049
122	2.232	1.029	1.791	1.039	1.049	1.049	1.049	1.049	1.049	1.049
149	1.046	2.812	1.734	0.929	1.039	1.049	1.049	1.049	1.049	1.049
202	1.389	1.004	2.81	0.929	1.039	1.049	1.049	1.049	1.049	1.049
256	0.887	2.038	1.089	-0.10	-0.14	1.049	1.049	1.049	1.049	1.049
313	0.9289	1.039	1.328	0.929	1.039	1.049	1.049	1.049	1.049	1.049
400	2.757	4.237	1.317	2.088	1.049	1.049	1.049	1.049	1.049	1.049
502	2.891	3.985	1.7214	1.092	1.049	1.049	1.049	1.049	1.049	1.049
630	-3.12	-2.98	-1.09	1.110	1.012	1.034	2.540	2.489	2.489	2.489
800	2.887	3.383	1.72	0.187	0.171	1.043	1.381	2.585	2.585	2.585
1000	0.814	-0.326	-1.06	0.001	-0.281	1.731	3.299	5.035	5.035	5.035

AMBIENT TEMP: 81.82
WET-BULB TEMP: 67.08
BAR. PRESSURE: 29.86
ABS. HUMIDITY: 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/26/69 R/D 9/2/69-3

RUN#2 RDS#12 SPEED#6027

DATE: 9/22/69

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET										OAPHLI
	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	
50	71.19	73.90	72.06	73.76	74.07	75.13	76.39	77.22	78.04	78.84	150.2
63	71.97	73.18	73.08	74.02	75.06	77.12	78.04	78.84	79.64	80.44	150.9
80	72.08	73.75	72.96	73.82	75.32	77.25	78.04	78.84	79.64	80.44	151.1
100	72.81	73.88	73.28	74.04	75.43	77.29	78.04	78.84	79.64	80.44	151.3
125	71.28	73.36	73.99	75.03	76.09	77.76	78.04	78.84	79.64	80.44	150.9
160	68.75	69.86	72.78	72.59	73.56	74.18	75.08	76.97	77.41	78.41	150.4
200	67.03	68.79	68.19	69.82	70.46	71.71	72.56	73.41	74.26	75.11	150.4
250	68.58	69.43	68.53	68.84	69.82	71.19	72.28	73.43	74.28	75.13	150.4
315	72.08	73.53	73.87	74.43	75.72	76.93	77.93	78.93	79.93	80.93	150.9
400	73.23	73.75	74.51	75.22	76.41	77.22	78.13	79.13	80.13	81.13	150.9
500	77.09	75.17	77.82	77.25	78.09	79.03	80.39	81.08	82.31	83.38	150.3
630	73.37	73.59	74.68	75.47	76.86	77.32	78.31	79.31	80.31	81.31	150.3
800	74.26	73.93	73.36	73.72	74.29	75.82	76.12	76.79	77.24	77.79	150.2
1000	73.09	72.88	73.37	73.94	74.74	75.44	76.21	76.92	77.62	78.32	150.2
1250	70.74	70.31	71.09	71.72	72.73	73.49	74.11	74.73	75.32	75.91	150.2
1600	70.35	70.51	70.34	70.51	70.47	70.48	70.48	70.48	70.48	70.48	150.2
2000	77.93	77.96	77.22	76.81	77.93	78.83	79.73	80.73	81.73	82.73	151.1
2500	79.44	79.31	78.37	78.39	79.48	80.53	81.59	82.62	83.65	84.68	150.8
3150	84.04	84.82	84.25	84.49	84.38	85.79	86.14	86.95	87.76	88.57	150.2
4000	90.12	91.21	87.44	88.58	88.93	90.47	90.73	91.54	92.35	93.16	150.2
5000	88.44	88.04	86.82	86.12	87.16	87.69	88.69	89.69	90.69	91.69	150.2
6300	86.88	86.81	83.83	83.16	84.13	84.31	85.31	86.31	87.31	88.31	150.2
8000	84.14	84.98	82.08	84.38	84.07	85.96	86.93	87.93	88.93	89.93	150.2
10000	83.42	83.74	82.12	84.12	84.46	86.05	86.26	87.86	88.06	89.66	150.2
MEASURED OAPPL	96.02	97.55	95.48	97.59	97.86	99.35	99.39	99.77	99.77	99.77	
CALCULATED OAPPL	99.24	99.95	93.95	96.84	99.37	97.78	97.05	98.05	98.05	98.05	
PNDB	118.2	118.9	108.7	118.8	108.9	111.6	111.1	111.1	111.1	111.1	

AMBIENT TEMP: 82.00
WET-BULB TEMP: 68.00
BAR-PRESSURE: 29.82
ABS. HUMIDITY: 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/20/69 R/D 9/2/69-3

RUN#2 RDB#13 SPED#7844

OAPHLI 150.3

DATE: 9/2/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
50	-1.73	-0.949	-0.269	.6324	1.946	2.244	2.466	2.691	2.916	3.141	3.366	3.591
63	-1.95	-1.239	-0.519	.1814	1.309	2.148	2.508	2.733	2.958	3.183	3.408	3.633
80	-2.17	-1.457	-0.737	.1803	1.308	2.147	2.507	2.732	2.957	3.182	3.407	3.632
100	-2.39	-1.677	-0.957	.1792	1.307	2.146	2.506	2.731	2.956	3.181	3.406	3.631
125	-2.61	-1.899	-1.179	.1781	1.306	2.145	2.505	2.730	2.955	3.180	3.405	3.630
160	-2.83	-2.121	-1.401	.1770	1.305	2.144	2.504	2.729	2.954	3.179	3.404	3.629
200	-3.05	-2.343	-1.623	.1759	1.304	2.143	2.503	2.728	2.953	3.178	3.403	3.628
250	-3.27	-2.565	-1.845	.1748	1.303	2.142	2.502	2.727	2.952	3.177	3.402	3.627
315	-3.49	-2.787	-2.067	.1737	1.302	2.141	2.501	2.726	2.951	3.176	3.401	3.626
400	-3.71	-3.009	-2.289	.1726	1.301	2.140	2.500	2.725	2.950	3.175	3.400	3.625
500	-3.93	-3.231	-2.511	.1715	1.300	2.139	2.499	2.724	2.949	3.174	3.399	3.624
630	-4.15	-3.453	-2.733	.1704	1.299	2.138	2.498	2.723	2.948	3.173	3.398	3.623
800	-4.37	-3.675	-2.955	.1693	1.298	2.137	2.497	2.722	2.947	3.172	3.397	3.622
1000	-4.59	-3.897	-3.177	.1682	1.297	2.136	2.496	2.721	2.946	3.171	3.396	3.621
1250	-4.81	-4.119	-3.399	.1671	1.296	2.135	2.495	2.720	2.945	3.170	3.395	3.620
1600	-5.03	-4.341	-3.621	.1660	1.295	2.134	2.494	2.719	2.944	3.169	3.394	3.619
2000	-5.25	-4.563	-3.843	.1649	1.294	2.133	2.493	2.718	2.943	3.168	3.393	3.618
2500	-5.47	-4.785	-4.065	.1638	1.293	2.132	2.492	2.717	2.942	3.167	3.392	3.617
3150	-5.69	-5.007	-4.287	.1627	1.292	2.131	2.491	2.716	2.941	3.166	3.391	3.616
4000	-5.91	-5.229	-4.509	.1616	1.291	2.130	2.490	2.715	2.940	3.165	3.390	3.615
5000	-6.13	-5.451	-4.731	.1605	1.290	2.129	2.489	2.714	2.939	3.164	3.389	3.614
6300	-6.35	-5.673	-4.953	.1594	1.289	2.128	2.488	2.713	2.938	3.163	3.388	3.613
8000	-6.57	-5.895	-5.175	.1583	1.288	2.127	2.487	2.712	2.937	3.162	3.387	3.612
10000	-6.79	-6.117	-5.397	.1572	1.287	2.126	2.486	2.711	2.936	3.161	3.386	3.611

AMBIENT TEMP. 82.00
MET-BULB TEMP. 80.00
BAR. PRESSURE 29.25
HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 6/28/69 R/D 9/2/69-3

RUN#2 R0013 SPEED-78.4

DATE: 9/23/69

PAGE: 1

RADIAL DISTANCE 158

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET										OAPML
	0.0	10.0	22.7	37.2	47.2	50.0	58.0	78.2	80.0	93.0	
54	73.07	73.95	74.87	75.89	76.64	77.22	78.41	79.14	79.51	128.3	
63	70.32	71.74	72.22	73.41	74.28	75.83	76.51	77.14	77.51	129.9	
80	75.32	76.41	77.09	78.43	79.76	80.48	81.11	81.74	82.11	129.5	
100	73.22	74.14	75.43	76.83	78.11	78.81	79.44	80.11	80.44	128.4	
120	74.04	75.06	76.36	77.76	79.04	79.74	80.44	81.11	81.44	130.2	
140	71.49	72.36	73.85	75.25	76.61	77.31	78.04	78.74	79.04	128.8	
200	76.45	77.96	79.29	80.83	82.41	83.11	83.84	84.54	85.11	129.2	
280	78.77	80.55	82.39	84.31	86.22	87.14	88.04	88.94	89.44	129.8	
310	74.42	76.61	78.86	81.11	83.41	84.74	86.04	87.34	88.04	127.2	
400	72.31	74.87	77.38	79.83	82.31	83.84	85.34	86.84	87.34	131.0	
500	77.77	79.22	80.91	82.50	84.18	85.84	87.54	89.14	90.44	132.9	
630	75.25	76.88	78.64	80.41	82.22	84.04	85.84	87.64	89.44	131.2	
800	73.11	74.81	76.58	78.31	80.04	81.74	83.44	85.14	86.84	130.4	
1000	77.06	78.68	80.34	82.04	83.74	85.44	87.14	88.84	90.54	131.4	
1200	76.08	77.69	79.31	80.94	82.54	84.14	85.74	87.34	88.94	132.7	
1400	70.38	72.42	74.43	76.43	78.43	80.43	82.43	84.43	86.43	132.3	
2000	78.34	79.37	80.39	81.37	82.34	83.31	84.28	85.24	86.21	132.3	
2500	70.79	72.16	73.59	75.01	76.42	77.81	79.21	80.61	82.01	132.3	
3150	84.31	85.65	86.99	88.32	89.65	90.98	92.31	93.64	94.97	140.3	
4000	83.44	84.37	85.31	86.24	87.17	88.10	89.03	90.03	91.03	140.3	
5000	93.38	94.13	95.17	96.17	97.17	98.17	99.17	100.17	101.17	147.3	
6300	84.08	85.24	86.32	87.43	88.54	89.64	90.74	91.84	92.94	141.3	
8000	82.38	83.64	84.82	86.02	87.22	88.42	89.62	90.82	92.02	140.3	
10000	83.37	84.63	85.74	86.89	88.09	89.21	90.21	91.21	92.21	140.3	
MEASURED OASPL	97.39	99.04	99.16	99.39	99.93	99.94	100.1	100.3	100.3		
CALCULATED OASPL	96.28	97.31	98.04	98.38	98.84	99.29	99.44	99.49	99.49		
REDUCED OASPL	111.5	112.4	113.2	113.4	113.6	113.8	113.8	113.8	113.8		

AMBIENT TEMP: 82.88
WET-BULB TEMP: 66.88
BAR. PRESSURE: 29.82
HGT. - 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/59 R/D 9/3/60-3

RUN#2 RDS#14 SPEED=7486

OAPML: 151.7

DATE: 9/3/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	4.2	6.2	8.2	10.2	12.2	14.2	16.2	18.2	20.2	22.2	24.2
50	-1.27	-0.99	7.377	9.497	1.089	2.266	3.403	4.192				
63	-1.26	1.179	9.932	9.554	0.459	1.716	3.205	3.917				
80	-0.82	-0.719	9.290	9.824	1.435	2.450	3.355	4.3.6				
100	-0.41	-0.217	9.023	9.663	1.923	2.481	3.821	4.781				
125	-0.26	-0.22	8.318	8.881	2.171	1.893	4.478	5.877				
160	-0.94	-0.86	-1.58	9.475	1.504	2.305	4.268	4.937				
200	-1.14	-0.42	-1.29	4.434	0.209	1.729	3.992	5.454				
250	-0.24	-0.29	1.955	-1.23	6.997	2.632	3.918	4.149				
315	-0.88	-0.16	-1.57	7.045	1.429	2.274	3.229	4.922				
400	-0.73	-0.18	-1.75	-1.164	1.288	1.508	3.873	5.382				
500	-1.21	-1.72	7.987	8.814	1.321	1.842	3.451	5.284				
630	-1.92	-1.26	4.075	5.077	7.792	2.879	3.508	4.804				
800	-1.83	-0.82	1.627	2.980	9.325	1.897	4.895	5.772				
1000	-1.72	-0.85	2.557	1.483	1.308	2.589	3.119	5.387				
1250	1.998	0.276	1.596	1.220	1.878	2.810	1.949	2.517				
1600	1.843	1.421	1.370	1.730	1.903	2.823	1.611	2.240				
2000	1.848	1.044	2.380	1.800	1.437	1.231	2.334	1.912				
2500	-1.73	1.443	2.428	2.797	0.863	1.383	2.896	2.673				
3150	-1.17	1.472	3.716	3.941	2.812	1.348	4.047	1.892				
4000	-0.330	2.344	2.487	3.145	1.883	1.278	4.194	1.511				
5000	1.981	2.363	3.488	3.384	2.213	-0.44	1.908	1.693				
6300	-1.14	1.891	3.908	1.664	2.831	3.174	1.937	1.909				
8000	-1.18	1.823	2.492	2.820	1.978	3.747	1.871	2.581				
10000	-2.38	-1.1	-2.21	-0.857	1.346	3.285	3.258	5.259				

AMBIENT TEMP. 94.08
WET-BULB TEMP. 88.88
BAR. PRESS. RE 29.85
ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/O 8/25/69 R/D 9/3/69-3

RUN#2 R05614 SPEED OF SOUND

RADIAL DISTANCE 158

DATE: 9/23/69

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM INLET									
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
50	74.07	75.82	75.89	76.23	77.03	77.03	77.03	77.03	77.03	77.03
63	74.49	76.15	76.52	76.85	77.29	77.29	77.29	77.29	77.29	77.29
80	74.47	75.89	75.25	75.76	77.03	77.03	77.03	77.03	77.03	77.03
100	75.04	76.48	76.32	77.44	77.44	77.44	77.44	77.44	77.44	77.44
125	75.48	76.24	76.82	76.25	76.14	76.14	76.14	76.14	76.14	76.14
160	72.81	72.45	70.24	75.77	76.40	77.22	78.06	79.92	81.78	83.64
200	75.09	69.98	71.51	72.07	73.19	74.05	75.39	76.64	77.89	79.14
250	75.33	78.23	78.03	78.82	79.88	80.40	81.11	81.82	82.53	83.24
315	75.55	73.34	72.79	73.49	75.14	76.55	77.93	79.33	80.72	82.11
400	71.42	77.38	74.83	78.68	79.37	80.88	82.45	84.02	85.59	87.16
500	70.31	77.05	78.69	80.11	80.03	81.35	83.10	84.97	86.84	88.71
630	74.21	74.33	78.22	78.44	78.51	79.82	81.64	83.46	85.28	87.10
800	74.67	73.05	75.02	76.84	74.83	76.37	78.11	79.85	81.59	83.33
1000	78.68	79.25	78.48	79.99	79.49	80.88	82.46	84.04	85.62	87.20
1250	81.49	85.84	84.39	84.13	84.86	86.48	88.10	89.72	91.34	92.96
1500	84.48	88.99	87.38	87.31	87.32	88.94	90.56	92.18	93.80	95.42
2000	84.47	87.73	89.33	88.10	88.13	89.42	91.10	92.78	94.46	96.14
2500	84.84	87.39	89.66	89.28	87.22	89.79	91.42	93.05	94.68	96.31
3150	89.80	91.21	93.38	91.42	89.79	89.49	88.03	86.57	85.11	83.65
4000	87.63	88.75	88.20	88.44	87.56	86.09	84.63	83.17	81.71	80.25
5000	93.84	92.47	89.21	88.79	88.31	87.14	85.97	84.80	83.63	82.46
6300	84.57	88.28	88.23	87.22	86.48	87.71	88.94	90.17	91.40	92.63
8000	84.63	85.44	82.99	85.85	85.05	87.87	87.99	87.12	86.25	85.38
10000	85.27	84.71	85.53	87.82	86.66	88.99	88.07	87.12	86.17	85.22
MEASURED CASPL	95.32	100.3	105.5	102.6	99.79	100.6	101.1	101.7	102.2	102.7
CALCULATED CASPL	97.82	96.83	99.28	99.21	98.36	98.94	99.49	99.71	100.0	100.3
P.D.B	113.6	112.8	110.1	113.4	112.4	113.5	113.9	114.9	115.9	116.9

CAPNL 158.7

AMBIENT TEMP 82.09
WET-BULB TEMP 66.88
BAR. PRESSURE 29.82
ABS. HUMIDITY 13.21

SCALE MODEL ACOUS*IC TEST T/D 8/28/69 R/D 9/3/69-3

R/Ve? RDC615 SPEED=777?

1151 9/ 3/65

RADIAL DISTANCE 132

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET									
	2.3	18.2	25.2	32.2	45.2	58.2	72.2	82.2	122.2	178.2
54	-1.987	-1.556	-1.3219	-1.092	-1.853	-2.259	-2.885	-4.497		
63	-1.56	-1.775	-1.994	-2.223	-2.453	-2.683	-2.913	-3.143		
82	-1.32	-1.997	-2.788	-3.579	-4.370	-5.161	-5.952	-6.743		
104	-2.89	-2.36	-1.83	-1.30	-1.001	-1.338	-2.225	-3.112		
124	-2.55	-1.78	-1.25	-0.72	-0.42	-0.12	0.18	0.48		
164	-1.19	-2.36	-1.775	-1.3219	-1.092	-1.853	-2.259	-2.885		
202	-1.995	-1.94	-1.576	-1.207	-1.031	-1.259	-1.487	-1.715		
252	-1.778	-1.319	-1.009	-0.882	-0.755	-0.628	-0.501	-0.374		
312	-1.138	-1.87	-1.42	-1.12	-0.92	-0.72	-0.52	-0.32		
422	-1.88	-1.67	-1.14	-0.79	-0.59	-0.39	-0.19	0.01		
582	-1.34	-2.81	-1.33	-0.88	-0.43	-0.08	0.37	0.82		
632	-1.51	-1.19	-1.408	-1.08	-0.782	-0.484	-0.186	0.112		
884	-1.901	-1.278	-1.59	-1.225	-1.135	-1.045	-0.955	-0.865		
1084	-1.878	-1.543	-1.884	-1.394	-1.206	-1.018	-0.830	-0.642		
1282	-1.337	-1.218	-1.772	-1.339	-1.233	-1.127	-1.021	-0.915		
1582	-1.588	-1.781	-1.655	-1.483	-1.311	-1.139	-0.967	-0.795		
2082	-1.21	-1.222	-1.655	-1.227	-1.254	-1.281	-1.308	-1.335		
2582	-1.80	-1.472	-1.744	-1.387	-1.385	-1.383	-1.381	-1.379		
3582	-1.821	-1.456	-1.423	-1.401	-1.431	-1.461	-1.491	-1.521		
4582	-1.821	-1.456	-1.423	-1.401	-1.431	-1.461	-1.491	-1.521		
5582	-1.648	-1.659	-1.21	-1.221	-1.231	-1.241	-1.251	-1.261		
6582	-1.337	-1.341	-1.061	-1.071	-1.081	-1.091	-1.101	-1.111		
8082	-1.144	-1.124	-1.43	-1.437	-1.441	-1.445	-1.449	-1.453		
10082	-1.25	-1.179	-1.061	-1.384	-1.585	-1.786	-1.987	-2.188		

B77

AIR-TEMP 82.80
WATER-TEMP 68.50
SEA PRESSURE 29.69
ABS. - IDITY 13.21

SCALE - COEL ACOUSTIC TEST T/D 8/24/59 R/D 9/3/65-3

RUN-2 RUN-15 SPEED-07777

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY									
ANGLE FROM INLET									
	0.0	10.2	20.2	37.7	45.2	52.0	60.0	72.2	82.0
FREQ.	74.59	75.54	76.27	76.91	77.91	78.53	79.29	80.43	129.4
50	73.94	75.08	76.42	76.65	77.79	79.25	82.37	81.51	130.8
63	74.78	75.09	76.15	76.91	78.54	79.72	80.98	82.36	130.9
82	74.14	75.18	76.28	77.24	78.88	80.11	81.41	82.78	131.1
102	74.76	75.78	76.16	77.04	78.92	83.31	83.34	83.88	132.0
122	72.91	73.28	74.94	76.25	77.17	78.42	79.81	80.84	129.4
162	72.11	73.08	74.97	73.23	73.92	74.64	75.98	77.39	128.2
202	71.62	71.35	71.74	70.37	72.25	74.18	76.83	74.99	128.2
318	70.71	71.84	73.85	74.91	76.45	78.13	79.59	81.11	129.2
422	70.73	72.48	77.88	78.48	81.88	81.88	84.14	85.11	131.0
582	70.39	70.25	68.48	68.75	61.61	62.27	64.14	65.76	134.4
632	70.72	77.85	79.34	79.88	79.11	88.89	88.98	82.48	131.7
802	70.35	70.26	70.54	77.82	78.64	79.06	82.13	86.93	131.7
1002	81.16	82.84	84.49	83.78	82.78	82.19	82.29	83.33	135.4
1202	91.08	92.48	91.88	91.66	91.39	88.34	88.28	83.41	143.8
1402	92.94	94.88	97.49	97.37	94.46	91.44	93.84	88.18	147.0
1602	91.24	94.19	96.75	91.59	92.84	91.56	89.32	87.87	148.0
2002	83.56	84.19	87.20	84.83	85.86	84.33	83.83	84.78	138.2
2502	88.49	89.18	89.81	89.52	89.93	87.94	87.80	86.75	142.8
3202	88.23	89.98	88.83	89.19	88.95	88.93	85.88	85.94	141.8
4002	90.64	90.79	88.84	91.09	88.89	92.39	90.84	95.78	146.4
5002	86.21	87.51	88.45	87.78	88.48	87.99	87.38	88.18	141.4
6002	85.19	86.49	83.23	87.20	86.42	86.88	86.85	87.28	142.8
8002	84.61	85.36	83.44	86.59	86.19	89.38	89.49	89.28	144.5
MEASURED OAPHL	109.0	102.0	109.1	102.8	101.7	101.4	102.0	101.9	
CALCULATED OAPHL	99.59	101.6	102.2	101.0	100.0	100.0	101.2	100.3	
PAIR	112.4	114.1	114.9	114.8	113.4	113.8	112.7	112.2	

APPROX TEMP: 82.88

WET-BULB TEMP: 68.88

DAYS PRESSURE: 29.82

ABS. HUMIDITY: 13.21

SCALE: CCEL ACOUSTIC TEST

T/D: 8/28/69

R/D: 9/3/69-3

RUN: 2

RSC: 16

SPEED: 7940

OAPHL: 154.4

DATE: 9/3/69

RADIAL DISTANCE 152

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	18.2	21.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
50	-1.53	-2.52	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54
60	-2.72	-3.08	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21
80	-2.44	-2.33	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
100	-3.46	-2.39	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38
120	-3.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31	-2.31
140	-2.94	-2.59	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54	-2.54
160	-2.45	-2.49	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42
180	-2.11	-2.55	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51
200	-1.90	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56	-2.56
220	-1.48	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44
240	-2.28	-2.22	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14
260	-1.25	-2.21	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12
280	-1.08	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33
300	-2.89	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78	-2.78
320	-1.68	-2.27	-2.26	-2.26	-2.26	-2.26	-2.26	-2.26	-2.26	-2.26	-2.26	-2.26
340	-2.85	-2.18	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17
360	-1.99	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25	-2.25
380	-1.47	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38
400	-1.74	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47
420	-2.03	-2.12	-2.07	-2.07	-2.07	-2.07	-2.07	-2.07	-2.07	-2.07	-2.07	-2.07
440	-1.62	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01
460	-1.77	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15	-2.15
480	-2.59	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03
500	-2.59	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03

879

ANGLE: 152
ST-8-15
94, PRESSURE
ABS, -10117

SCALE: CODEL ACOUSTIC TEST T/O 8/28/69 R/D 9/3/69-3

4002 80016 SPEED=7040

DATE: 9/23/69

RADIAL DISTANCE 152

PAGE: 1

SCW D PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLE FROM INLET									
	2.0	10.2	20.2	30.2	40.2	50.2	60.2	70.2	80.2	90.2
50	75.94	75.08	76.14	76.30	76.39	76.59	79.41	88.66	81.03	138.4
60	74.95	75.02	77.34	78.45	79.72	81.09	82.35			138.7
70	75.94	75.89	76.22	77.72	79.38	80.32	81.62	83.22		131.3
80	74.78	75.25	77.30	78.35	79.29	81.33	83.33			131.8
100	75.78	77.13	79.54	79.34	81.63	85.14	89.52	83.32		133.0
120	73.05	74.20	75.79	77.16	78.59	80.82	81.22	81.94		130.7
140	72.89	71.90	73.15	74.42	75.13	75.32	75.39	76.94		127.5
160	72.35	72.41	71.97	71.45	70.81	70.39	70.17	72.38		125.8
180	75.44	74.78	74.81	75.16	76.84	78.28	79.68	81.49		129.0
200	79.32	79.16	78.84	79.32	81.21	82.15	83.43	86.28		134.3
220	79.29	78.93	85.99	81.39	83.43	83.99	84.83	87.82		135.3
240	77.27	74.18	88.14	79.98	88.23	81.65	81.53	84.99		133.1
260	79.51	79.11	78.58	81.56	83.26	79.96	82.66	81.31		133.2
280	93.83	87.61	89.62	86.33	83.96	84.98	83.23	86.75		138.6
300	91.76	95.17	95.01	96.03	94.03	98.97	99.03	92.81		140.4
320	83.88	98.34	102.31	97.44	93.24	92.71	91.23	94.41		132.3
340	89.43	94.81	96.52	94.18	93.61	88.81	89.19	87.58		148.7
360	84.72	88.15	89.62	88.09	86.89	86.88	86.43	86.22		148.7
380	88.42	92.21	93.49	93.39	93.14	89.92	89.13	88.93		144.6
400	88.44	91.20	89.43	98.43	89.52	88.28	86.62	86.74		142.7
420	98.42	91.84	88.26	92.25	92.98	91.98	11.4	88.19		149.3
440	85.44	87.43	87.32	88.38	87.29	88.48	85.34	88.11		147.7
460	89.83	86.96	84.64	88.93	87.89	88.32	90.88	87.93		143.2
480	84.98	85.71	84.45	86.84	87.64	89.48	91.63	91.84		145.1
500	181.1	184.2	187.4	184.2	183.5	182.9	185.8	184.3		
520	189.1	189.4	188.9	183.3	182.5	181.8	184.6	182.9		
540	112.9	118.3	119.3	118.8	119.1	114.9	119.4	117.5		

MEASURED GASP
CALCULATED GASP
P.D.R.

GAPLI 156.9

ARTIST TEMP: 82.00
ST-8-3 TEMP: 68.00
SAS PRESSURE: 29.22
ABS. HUMIDITY: 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/29/69 R/C 9/3/69-3

TU-02 RD-017 SPEED-0837

DATE: 9/3/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
51	-1.17	-1.22	-0.99	0.94	1.48	2.38	3.53	4.97	6.59	8.29
63	-2.35	-1.48	-0.75	1.21	1.97	2.45	3.78	5.12	6.59	8.29
87	-1.95	-2.28	-1.00	-0.19	1.48	2.41	3.73	5.12	6.59	8.29
122	-1.74	-2.76	-1.12	0.38	1.70	2.91	4.24	5.62	7.05	8.53
168	-2.51	-3.18	-1.28	0.82	2.31	3.82	5.34	6.91	8.53	10.15
227	-3.23	-3.79	-1.29	0.83	2.32	3.82	5.34	6.91	8.53	10.15
297	-2.88	-1.41	-0.63	0.83	2.32	3.82	5.34	6.91	8.53	10.15
319	-2.87	-0.85	-1.07	-0.92	0.21	2.24	3.75	5.26	6.77	8.28
424	-1.84	-1.32	-1.90	-0.20	0.82	2.32	3.82	5.34	6.91	8.53
529	-1.15	-1.32	-2.41	-0.53	0.82	2.32	3.82	5.34	6.91	8.53
634	-2.85	-2.48	-0.19	0.82	2.32	3.82	5.34	6.91	8.53	10.15
739	-1.86	-1.08	-0.20	0.82	2.32	3.82	5.34	6.91	8.53	10.15
844	-1.87	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
949	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1054	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1159	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1264	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1369	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1474	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1579	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1684	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1789	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1894	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15
1999	-1.84	-0.81	-0.25	0.82	2.32	3.82	5.34	6.91	8.53	10.15

881

ABSTRACT TEMP: 62.38
 METEOROL TEMP: 68.33
 GAS PRESSURE 29.85
 ABS HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

RUN#2 RPO#17 SPEED#0337

DATE: 6/28/64

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	6.8	10.2	21.2	36.8	47.8	56.7	66.0	76.2	82.2	92.2	102.0	112.0	120.0	135.0	145.2	150.2	160.0	170.0	(PUL)
52	76.17	76.35	77.03	77.41	77.73	77.93	78.21	78.43	78.72	79.01	79.21	79.41	79.61	79.81	80.01	80.21	80.41	80.61	131.1
63	75.12	75.30	75.98	76.36	76.68	76.90	77.12	77.34	77.56	77.78	78.00	78.22	78.44	78.66	78.88	79.10	79.32	79.54	131.4
97	73.06	73.24	73.92	74.30	74.62	74.84	75.06	75.28	75.50	75.72	75.94	76.16	76.38	76.60	76.82	77.04	77.26	77.48	132.3
127	72.06	72.24	72.92	73.30	73.62	73.84	74.06	74.28	74.50	74.72	74.94	75.16	75.38	75.60	75.82	76.04	76.26	76.48	132.9
125	72.06	72.24	72.92	73.30	73.62	73.84	74.06	74.28	74.50	74.72	74.94	75.16	75.38	75.60	75.82	76.04	76.26	76.48	133.2
162	71.06	71.24	71.92	72.30	72.62	72.84	73.06	73.28	73.50	73.72	73.94	74.16	74.38	74.60	74.82	75.04	75.26	75.48	133.7
208	70.06	70.24	70.92	71.30	71.62	71.84	72.06	72.28	72.50	72.72	72.94	73.16	73.38	73.60	73.82	74.04	74.26	74.48	134.2
292	69.06	69.24	69.92	70.30	70.62	70.84	71.06	71.28	71.50	71.72	71.94	72.16	72.38	72.60	72.82	73.04	73.26	73.48	134.7
319	68.06	68.24	68.92	69.30	69.62	69.84	70.06	70.28	70.50	70.72	70.94	71.16	71.38	71.60	71.82	72.04	72.26	72.48	135.0
422	67.06	67.24	67.92	68.30	68.62	68.84	69.06	69.28	69.50	69.72	69.94	70.16	70.38	70.60	70.82	71.04	71.26	71.48	135.3
508	66.06	66.24	66.92	67.30	67.62	67.84	68.06	68.28	68.50	68.72	68.94	69.16	69.38	69.60	69.82	70.04	70.26	70.48	135.8
638	65.06	65.24	65.92	66.30	66.62	66.84	67.06	67.28	67.50	67.72	67.94	68.16	68.38	68.60	68.82	69.04	69.26	69.48	136.3
882	64.06	64.24	64.92	65.30	65.62	65.84	66.06	66.28	66.50	66.72	66.94	67.16	67.38	67.60	67.82	68.04	68.26	68.48	136.7
1202	63.06	63.24	63.92	64.30	64.62	64.84	65.06	65.28	65.50	65.72	65.94	66.16	66.38	66.60	66.82	67.04	67.26	67.48	137.2
1552	62.06	62.24	62.92	63.30	63.62	63.84	64.06	64.28	64.50	64.72	64.94	65.16	65.38	65.60	65.82	66.04	66.26	66.48	137.6
1827	61.06	61.24	61.92	62.30	62.62	62.84	63.06	63.28	63.50	63.72	63.94	64.16	64.38	64.60	64.82	65.04	65.26	65.48	138.1
2222	60.06	60.24	60.92	61.30	61.62	61.84	62.06	62.28	62.50	62.72	62.94	63.16	63.38	63.60	63.82	64.04	64.26	64.48	138.4
2808	59.06	59.24	59.92	60.30	60.62	60.84	61.06	61.28	61.50	61.72	61.94	62.16	62.38	62.60	62.82	63.04	63.26	63.48	138.8
3382	58.06	58.24	58.92	59.30	59.62	59.84	60.06	60.28	60.50	60.72	60.94	61.16	61.38	61.60	61.82	62.04	62.26	62.48	139.3
4988	57.06	57.24	57.92	58.30	58.62	58.84	59.06	59.28	59.50	59.72	59.94	60.16	60.38	60.60	60.82	61.04	61.26	61.48	139.8
5688	56.06	56.24	56.92	57.30	57.62	57.84	58.06	58.28	58.50	58.72	58.94	59.16	59.38	59.60	59.82	60.04	60.26	60.48	140.3
6322	55.06	55.24	55.92	56.30	56.62	56.84	57.06	57.28	57.50	57.72	57.94	58.16	58.38	58.60	58.82	59.04	59.26	59.48	140.8
8088	54.06	54.24	54.92	55.30	55.62	55.84	56.06	56.28	56.50	56.72	56.94	57.16	57.38	57.60	57.82	58.04	58.26	58.48	141.3
10988	53.06	53.24	53.92	54.30	54.62	54.84	55.06	55.28	55.50	55.72	55.94	56.16	56.38	56.60	56.82	57.04	57.26	57.48	141.8
MEASURED OASPL	132.0	134.5	136.1	137.8	139.1	140.0	140.8	141.0	141.2	141.4	141.6	141.8	142.0	142.2	142.4	142.6	142.8	143.0	143.2
CALCULATED OASPL	131.0	133.5	135.1	136.8	138.1	139.0	139.8	140.0	140.2	140.4	140.6	140.8	141.0	141.2	141.4	141.6	141.8	142.0	142.2
PNDB	134.1	136.2	137.8	139.5	140.9	141.9	142.6	143.0	143.4	143.8	144.2	144.6	145.0	145.4	145.8	146.2	146.6	147.0	147.4

OASPL: 150.3

APPLANT TEMP: 82.00
MET-BULB TEMP: 58.00
BAR, PRESSURE: 29.85
ABS, HUMIDITY: 13.24

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-2

RUN#2 RDC#14 SP#ED#0254

DATE: 4/08/00

RADIAL DISTANCE 15M

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0
50	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
63	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
80	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
100	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
125	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
160	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
200	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
250	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
315	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
400	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
500	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
630	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
800	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
1000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
1250	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
1600	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
2000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
2500	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
3150	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
4000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
5000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
6300	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
8000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
10000	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25

AMBIENT TEMP. 82.00
WET-BULB TEMP. 68.00
BAR. PRESSURE 29.93
HUMIDITY 33.24

SCALE MODEL ACOUSTIC TEST T/O 0/20/00 R/D 9/3/00-3

RUN#2 R00#10 SP#00#0250

RACIAL DISTANCE 15W

DATE: 9/24/69

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
50	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
63	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
80	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
100	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
125	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
160	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
200	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
250	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
315	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
400	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
500	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
630	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
800	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
1000	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0

B89

AMBIENT TEMP. 82.182
WET-BULB TEMP. 67.80
BAR. PRESSURE 29.94
ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/4/69-3

RU102 RD0021 SPEED=573R

DATE: 9/24/69

RADIAL DISTANCE 120

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM 11.5°									
	1.2	10.2	20.2	30.2	40.2	50.2	60.2	70.2	80.2	90.2
140	68.74	69.59	69.52	70.30	71.52	71.52	71.39	72.39	73.13	122.7
150	68.15	69.00	69.68	69.93	72.05	70.05	71.84	73.13	73.13	122.0
160	66.72	66.93	66.69	68.24	70.88	71.95	71.71	72.03	72.03	121.6
180	68.69	70.78	72.17	75.14	77.31	77.60	76.22	75.53	75.53	127.8
200	68.49	69.51	69.64	69.12	70.13	71.16	71.92	73.17	73.17	121.9
220	68.12	68.22	68.22	67.79	69.21	69.79	71.15	71.83	71.83	120.9
240	65.05	66.44	66.42	66.35	67.77	67.64	72.06	74.01	74.01	122.2
260	62.32	62.69	62.64	61.66	63.48	64.59	65.17	66.11	66.11	113.9
280	67.38	68.64	68.43	66.62	68.59	69.55	70.85	71.82	71.82	120.6
300	71.52	72.88	72.88	72.48	72.38	72.36	73.41	75.88	75.88	124.4
320	72.58	72.88	72.19	72.42	73.82	73.61	74.73	75.91	75.91	125.7
340	71.79	69.88	72.06	71.75	71.59	72.77	73.55	74.27	74.27	124.7
360	73.25	72.24	70.37	70.15	70.76	71.56	72.35	73.81	73.81	124.3
380	70.15	70.55	74.20	70.73	70.41	70.77	70.20	77.64	77.64	120.1
400	70.19	70.70	77.23	75.93	75.99	76.28	76.70	77.21	77.21	120.7
420	68.69	70.32	70.16	77.79	78.82	77.91	78.39	79.88	79.88	121.0
440	62.28	70.71	70.61	77.81	77.78	77.57	79.73	79.13	79.13	131.7
460	61.20	69.57	68.22	70.74	70.88	68.25	81.20	82.14	82.14	133.9
480	60.11	68.65	63.44	63.24	63.47	60.83	81.25	85.88	85.88	133.2
500	62.05	69.13	69.64	69.25	69.86	69.43	91.82	90.48	90.48	145.2
520	61.73	62.00	79.39	60.83	61.21	63.18	80.30	84.76	84.76	136.7
540	63.49	63.51	61.79	62.82	63.44	68.88	86.59	86.96	86.96	139.8
560	63.77	60.22	61.73	62.14	62.34	63.51	86.70	86.83	86.83	139.9
580	63.12	63.57	71.61	60.66	60.75	62.66	95.09	89.75	89.75	140.6
600	67.17	67.27	64.21	64.55	65.85	68.36	97.71	97.79	97.79	
620	65.56	65.03	62.88	63.11	63.68	67.33	96.11	96.50	96.50	
640	61.75	61.43	60.62	60.65	60.61	61.69	111.4	110.4	110.4	

QAPHL 149.4

AMBIENT TEMP 81.82
METABOLIC TEMP 67.82
BAR PRESSURE 29.124
ADJ. TOTAL 12.06

SCALE MODEL ACOUSTIC TEST T/O 8/28/69 R/D 9/4/69-3

RUN#2 4-3022 SPEED#6220

DATE: 9/14/59

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°
52	1004	1026	1005	1174	2119	1982	2994	3724		
63	2177	1388	1402	2204	3354	1249	3646	3732		
82	1114	1123	1156	1763	1924	2589	3598	4488		
102	1455	2175	1137	1688	3774	4161	2737	1993		
125	2130	2213	1797	1081	1494	2743	3484	4738		
149	2145	2186	1125	1141	1919	2519	3674	4954		
202	2177	2116	1024	1246	1833	2954	4287	6481		
252	3554	3559	1491	1486	1258	2449	3851	4858		
315	1824	1776	1144	1243	1722	2683	3185	4155		
402	1872	3324	1127	1341	1531	1818	3089	4529		
522	1784	1813	3888	1127	1219	2083	2924	4899		
632	1133	1786	1388	1183	1287	2183	2882	5139		
802	3775	2171	1999	1228	1222	1786	2174	2834		
1002	4129	1679	1427	1619	1549	1872	1419	2172		
1252	4183	2381	1186	1237	1828	1794	1289	1799		
1602	3156	2129	1184	1279	1451	1413	1239	1884		
2002	2123	2183	1798	1804	1755	1439	2149	2829		
2502	2128	1383	1838	1415	1894	1888	4111	2187		
3152	1194	1739	2199	1836	2516	2818	3829	2866		
4002	2139	2075	1161	1996	1387	1176	1564	2869		
5002	3418	1851	1189	1114	1834	1989	5264	3179		
6322	1457	1888	1118	1132	1493	2884	3643	4813		
8002	2126	3183	1126	1499	1993	1782	3882	2898		
10002	1832	1746	1128	1146	1156	1898	1883	7434		

891

APBENT TEMP. 61.20
REFBULB TEMP. 57.22
BAR. PRESSURE 29.24
ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D 9/4/69-3

RUW22 RDG22 SPEED=6328

DATE: 9/24/69

RACIAL DISTANCE 135

PAGE: 1

SCALE PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	0.2	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
52	59.10	69.95	78.12	79.85	71.98	71.99	72.92	73.00	123.0	123.0
63	60.33	69.46	69.79	74.32	72.09	71.10	73.78	73.46	123.1	123.1
82	62.67	67.73	67.07	69.27	70.88	71.59	72.57	73.70	123.5	123.5
102	65.65	72.13	72.33	70.17	70.92	70.87	70.00	70.01	123.8	123.8
125	68.79	67.39	68.66	72.49	71.49	72.49	73.28	74.33	123.2	123.2
167	65.38	65.85	66.96	69.93	70.18	70.52	71.99	72.50	121.7	121.7
202	65.31	64.38	66.92	72.22	67.42	68.61	70.64	74.12	121.0	121.0
230	65.64	63.39	63.54	62.86	63.98	65.46	68.12	67.49	121.0	121.0
315	68.23	67.24	68.23	66.82	68.42	70.88	71.10	72.15	121.3	121.3
402	72.74	71.87	69.71	70.97	72.84	72.87	73.69	74.89	121.0	121.0
502	73.15	72.08	72.64	73.84	73.69	74.15	75.10	75.75	120.3	120.3
602	71.75	70.93	72.88	73.35	72.74	73.43	73.82	74.93	120.4	120.4
702	70.95	72.99	70.92	70.71	71.21	71.80	72.99	73.07	120.7	120.7
802	70.85	77.97	70.87	70.87	70.59	70.87	70.87	71.11	120.1	120.1
902	71.38	70.88	71.50	70.53	74.88	70.74	70.74	70.88	120.1	120.1
1002	68.62	68.45	70.74	70.78	70.42	70.50	70.31	70.36	120.2	120.2
1202	71.08	68.14	70.31	70.11	70.61	70.84	70.73	70.33	120.0	120.0
1502	68.04	61.16	61.83	77.62	69.69	68.69	63.19	63.35	120.3	120.3
2002	64.06	65.31	64.21	63.94	64.26	65.17	65.82	69.67	120.2	120.2
2502	64.45	65.06	61.33	64.66	61.23	61.25	60.87	60.63	120.4	120.4
3002	63.56	62.48	60.49	61.72	61.02	63.86	63.52	64.71	120.1	120.1
3502	63.73	64.34	64.72	66.38	65.96	66.37	67.34	67.92	120.2	120.2
4002	63.49	63.95	62.22	63.18	63.46	63.82	60.68	60.15	120.0	120.0
4502	62.80	61.95	70.96	61.70	61.34	63.71	64.33	61.21	120.3	120.3
5002	62.60	60.82	65.94	65.96	64.25	67.89	67.95	68.39	120.0	120.0
5502	63.56	67.99	64.94	64.93	64.89	65.00	66.00	67.81	120.2	120.2
6002	63.11	62.77	62.81	60.90	61.83	61.87	61.87	61.12	120.2	120.2

MEASURED CASPL
CALCULATED CASPL

P.09

CAPML

149.0

AMBIENT TEMP 61.8M
STANDARD TEMP 67.32
BAR PRESSURE 29.24
AIR HUMIDITY 12.66

SCALE MODEL ACUSTIC TEST T/W 8/22/69 R/D 9/4/69-3

RUN#2 RCG#23 SPEC#06102

DATE: 9/14/69

RADIAL DISTANCE 132

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ. Hz	ANGLE FROM LINE										OARPL
	30.2	37.2	47.2	57.2	67.2	77.2	87.2	97.2	107.2	117.2	
52	74.40	71.41	71.95	72.70	73.19	73.22	74.10	74.03	74.03	74.03	124.6
63	66.96	67.71	71.73	72.41	73.42	72.45	74.50	74.30	74.30	74.30	124.3
80	67.17	68.81	69.05	74.41	71.79	72.43	73.84	73.85	73.85	73.85	123.6
100	69.48	71.85	72.45	76.35	78.46	78.78	77.38	77.33	77.33	77.33	124.0
125	68.34	69.19	70.07	72.46	74.36	74.82	75.86	75.32	75.32	75.32	124.0
160	67.67	67.89	69.27	76.71	71.41	72.11	73.33	74.03	74.03	74.03	123.2
200	66.38	65.20	67.16	66.57	69.95	71.40	74.94	72.33	72.33	72.33	121.0
250	64.18	65.82	64.87	64.21	65.59	67.45	67.39	66.26	66.26	66.26	118.1
315	60.37	60.55	67.77	67.74	68.75	70.53	71.16	73.81	73.81	73.81	122.0
400	72.01	72.76	78.35	72.12	72.99	73.87	75.54	77.85	77.85	77.85	122.0
500	73.99	73.38	73.66	74.39	74.78	75.42	76.61	78.12	78.12	78.12	127.0
630	72.33	72.22	73.93	74.48	74.29	75.22	76.82	79.02	79.02	79.02	124.9
800	73.88	72.96	72.74	71.31	71.88	72.75	73.86	74.49	74.49	74.49	123.3
1000	70.82	77.42	70.41	77.09	75.59	76.82	77.89	77.94	77.94	77.94	122.0
1250	79.78	79.89	78.17	77.07	77.74	79.84	78.56	79.33	79.33	79.33	131.3
1600	63.61	61.99	68.17	70.34	70.37	70.74	70.15	70.77	70.77	70.77	132.7
2000	70.77	79.81	70.31	70.25	70.45	70.60	68.85	70.34	70.34	70.34	131.1
2500	68.39	68.70	64.29	68.34	68.93	65.35	64.19	62.88	62.88	62.88	124.7
3150	84.17	84.34	84.32	84.22	84.33	85.63	86.09	86.21	86.21	86.21	130.4
4000	91.87	93.76	98.61	91.93	92.31	91.91	88.72	88.12	88.12	88.12	149.1
5000	82.38	83.88	81.14	82.52	82.42	84.27	86.08	88.00	88.00	88.00	137.0
6300	84.14	85.83	88.14	89.23	88.23	91.95	87.08	88.42	88.42	88.42	138.9
8000	84.12	85.84	82.37	83.62	83.21	84.62	88.95	89.69	89.69	89.69	140.5
10000	82.20	82.25	89.97	82.59	82.27	84.60	88.27	89.37	89.37	89.37	141.2
MEASURED CASPL	90.71	97.77	90.34	97.17	96.89	98.38	98.18	98.38	98.38	98.38	
CALCULATED CASPL	93.28	96.36	94.55	95.89	95.94	97.81	97.59	98.73	98.73	98.73	
AVDR	112.8	111.9	109.9	111.2	111.1	111.6	118.3	118.7	118.7	118.7	

OARPL: 138.1

ADJUSTED TEMP 61.82
REFLECTED TEMP 67.23
WIND PRESSURE 29.24
AIR DENSITY 12.66

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/C 9/14/69-3

RVA2 H0324 SPEED=6457

DATE: 9/04/69

RADIAL DISTANCE 124

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM 15°									
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
50	71.25	71.25	71.25	71.25	71.25	71.25	71.25	71.25	71.25	71.25
63	72.29	71.23	71.77	73.00	76.17	73.39	74.78	75.03	75.03	75.03
80	71.59	69.72	72.46	72.26	74.02	73.91	75.63	75.76	75.76	75.76
100	71.48	70.33	72.88	75.81	77.78	77.12	78.61	77.81	77.81	77.81
125	70.06	69.72	71.72	74.89	76.26	75.74	77.77	76.31	76.31	76.31
160	68.35	68.92	74.27	71.94	73.17	73.10	74.32	74.95	74.95	74.95
200	68.41	68.99	68.76	69.71	71.42	71.60	72.67	73.94	73.94	73.94
250	68.29	68.44	68.64	68.64	68.64	68.64	68.64	68.64	68.64	68.64
315	68.22	68.33	68.34	68.33	68.22	68.37	72.24	72.48	72.48	72.48
400	71.20	72.31	72.17	71.09	72.12	73.97	75.61	77.34	77.34	77.34
500	73.12	73.09	73.09	73.09	73.51	75.53	77.23	78.82	78.82	78.82
630	74.46	72.77	74.94	75.85	75.83	75.77	77.05	77.61	77.61	77.61
800	74.24	72.35	72.15	71.06	72.10	73.00	74.84	74.89	74.89	74.89
1000	71.17	77.33	75.88	76.99	76.26	77.08	77.49	78.27	78.27	78.27
1250	70.49	78.19	78.59	77.00	76.31	78.04	78.73	79.53	79.53	79.53
1600	68.88	81.13	79.43	79.32	79.72	78.88	78.99	80.24	80.24	80.24
2000	71.19	79.79	78.32	78.36	78.84	78.14	80.12	79.84	79.84	79.84
2500	80.66	81.27	80.65	80.99	80.57	81.99	82.43	83.28	83.28	83.28
3150	84.72	85.28	84.89	84.42	84.08	86.17	86.74	86.69	86.69	86.69
4000	91.73	94.28	91.72	93.27	93.38	93.41	93.32	93.18	93.18	93.18
5000	88.67	88.33	88.64	83.84	84.12	85.11	86.31	88.79	88.79	88.79
6300	88.77	85.12	88.37	87.56	84.42	84.78	89.42	89.64	89.64	89.64
8000	85.38	86.73	85.37	84.59	84.38	85.31	89.48	87.79	87.79	87.79
10000	83.07	83.14	78.62	82.99	82.89	84.84	87.12	89.36	89.36	89.36
MEASURED CASPL	97.91	98.75	96.12	97.09	98.52	99.10	99.65	98.88	98.88	98.88
CALCULATED CASPL	98.31	97.38	94.79	96.38	97.29	97.79	97.20	97.29	97.29	97.29
P.O.B	112.2	112.9	110.5	111.9	112.4	112.8	111.8	111.4	111.4	111.4

AMBIENT TEMP. 83.00
WET-BULB TEMP. 68.00
BAR. PRESSURE 29.34
HSS. HUMIDITY 12.93

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/C 6/4/69-3

RU002 H00025 SPE0006603

0APHL1

138.19

DATE: 9/7/69

RADIAL DISTANCE 154

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°	110°
50	117.3	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5	127.5	128.5
63	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0
80	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5	127.5
100	116.0	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0
125	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5
160	115.0	116.0	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0	126.0
200	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5
250	114.0	115.0	116.0	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
315	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5
400	113.0	114.0	115.0	116.0	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0
500	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5
630	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0	120.0	121.0	122.0	123.0
800	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5
1000	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0	120.0	121.0	122.0
1250	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5
1600	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0	120.0	121.0
2000	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5
2500	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0	120.0
3150	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5
4000	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
5000	107.5	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5
6300	107.0	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0
8000	106.5	107.5	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5
10000	106.0	107.0	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0

B97

ANALYST: T-54 53.00
 RET-343 T-40 50.00
 BAR, PRESSURE 29.34
 ABS. HUMIDITY 12.93

SCALE MODEL ACOUSTIC TEST T/D 0/20/69 R/D 9/4/69-3
 60162 H0025 SPEED=6023

DATE: 9/5/69

RACIAL DISTANCE 132

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

40.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 (PHL)

FREQ:

52	71.9	72.5	73.1	73.7	74.3	74.9	75.5	76.1	76.7	77.3	77.9	78.5	79.1	79.7	80.3	80.9
63	72.1	72.7	73.3	73.9	74.5	75.1	75.7	76.3	76.9	77.5	78.1	78.7	79.3	79.9	80.5	81.1
87	69.1	69.7	70.3	70.9	71.5	72.1	72.7	73.3	73.9	74.5	75.1	75.7	76.3	76.9	77.5	78.1
127	66.1	66.7	67.3	67.9	68.5	69.1	69.7	70.3	70.9	71.5	72.1	72.7	73.3	73.9	74.5	75.1
129	69.1	69.7	70.3	70.9	71.5	72.1	72.7	73.3	73.9	74.5	75.1	75.7	76.3	76.9	77.5	78.1
167	58.1	58.7	59.3	59.9	60.5	61.1	61.7	62.3	62.9	63.5	64.1	64.7	65.3	65.9	66.5	67.1
227	67.1	67.7	68.3	68.9	69.5	70.1	70.7	71.3	71.9	72.5	73.1	73.7	74.3	74.9	75.5	76.1
252	64.1	64.7	65.3	65.9	66.5	67.1	67.7	68.3	68.9	69.5	70.1	70.7	71.3	71.9	72.5	73.1
315	78.1	78.7	79.3	79.9	80.5	81.1	81.7	82.3	82.9	83.5	84.1	84.7	85.3	85.9	86.5	87.1
482	73.1	73.7	74.3	74.9	75.5	76.1	76.7	77.3	77.9	78.5	79.1	79.7	80.3	80.9	81.5	82.1
527	76.1	76.7	77.3	77.9	78.5	79.1	79.7	80.3	80.9	81.5	82.1	82.7	83.3	83.9	84.5	85.1
637	71.1	71.7	72.3	72.9	73.5	74.1	74.7	75.3	75.9	76.5	77.1	77.7	78.3	78.9	79.5	80.1
822	74.1	74.7	75.3	75.9	76.5	77.1	77.7	78.3	78.9	79.5	80.1	80.7	81.3	81.9	82.5	83.1
1282	78.1	78.7	79.3	79.9	80.5	81.1	81.7	82.3	82.9	83.5	84.1	84.7	85.3	85.9	86.5	87.1
1292	78.1	78.7	79.3	79.9	80.5	81.1	81.7	82.3	82.9	83.5	84.1	84.7	85.3	85.9	86.5	87.1
1632	76.1	76.7	77.3	77.9	78.5	79.1	79.7	80.3	80.9	81.5	82.1	82.7	83.3	83.9	84.5	85.1
2087	78.1	78.7	79.3	79.9	80.5	81.1	81.7	82.3	82.9	83.5	84.1	84.7	85.3	85.9	86.5	87.1
2592	79.1	79.7	80.3	80.9	81.5	82.1	82.7	83.3	83.9	84.5	85.1	85.7	86.3	86.9	87.5	88.1
3192	83.1	83.7	84.3	84.9	85.5	86.1	86.7	87.3	87.9	88.5	89.1	89.7	90.3	90.9	91.5	92.1
4287	92.1	92.7	93.3	93.9	94.5	95.1	95.7	96.3	96.9	97.5	98.1	98.7	99.3	99.9	100.5	101.1
5887	84.1	84.7	85.3	85.9	86.5	87.1	87.7	88.3	88.9	89.5	90.1	90.7	91.3	91.9	92.5	93.1
6327	84.1	84.7	85.3	85.9	86.5	87.1	87.7	88.3	88.9	89.5	90.1	90.7	91.3	91.9	92.5	93.1
8222	84.1	84.7	85.3	85.9	86.5	87.1	87.7	88.3	88.9	89.5	90.1	90.7	91.3	91.9	92.5	93.1
14282	82.1	82.7	83.3	83.9	84.5	85.1	85.7	86.3	86.9	87.5	88.1	88.7	89.3	89.9	90.5	91.1

MEASURED CASPL

CALCULATED CASPL

PDR

0APHL: 150.9

AIR TEMP: 83.22
WET-BULB TEMP: 68.02
RAH: PRESSURE: 29.64
ABS. HUMIDITY: 12.93

SCALE MODEL ACOUSTIC TEST T/J 8/28/69 R/U 9/5/69-3

RUN#2 R7025 SPEEU#0054

DATE: 5/7/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLE FROM 11 O'Clock		ANGLE FROM 1 O'Clock		ANGLE FROM 3 O'Clock		ANGLE FROM 5 O'Clock		ANGLE FROM 7 O'Clock		ANGLE FROM 9 O'Clock		ANGLE FROM 11 O'Clock	
	0°	30°	0°	30°	0°	30°	0°	30°	0°	30°	0°	30°	0°	30°
50	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
63	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
80	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
100	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
125	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
160	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
200	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
250	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
315	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
400	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
500	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
630	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
800	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
1000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
1250	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
1600	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
2000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
2500	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
3150	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
4000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
5000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
6300	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
8000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4
10000	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4

ANGLE FROM 11 O'Clock
ANGLE FROM 1 O'Clock
ANGLE FROM 3 O'Clock
ANGLE FROM 5 O'Clock
ANGLE FROM 7 O'Clock
ANGLE FROM 9 O'Clock
ANGLE FROM 11 O'Clock

SCALE MODEL ACUSTIC TEST - J 0/20/69 R/O 9/5/69-3

4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000

CASE 4/5/69

RACIAL DISTANCE 154

PAGE 2

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM 1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st	32nd	33rd	34th	35th	36th	37th	38th	39th	40th	41st	42nd	43rd	44th	45th	46th	47th	48th	49th	50th	51st	52nd	53rd	54th	55th	56th	57th	58th	59th	60th	61st	62nd	63rd	64th	65th	66th	67th	68th	69th	70th	71st	72nd	73rd	74th	75th	76th	77th	78th	79th	80th	81st	82nd	83rd	84th	85th	86th	87th	88th	89th	90th	91st	92nd	93rd	94th	95th	96th	97th	98th	99th	100th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1.15	-1.65	0.02	1.72	2.07	2.25	2.37	2.44	2.48	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79	3.80	3.81	3.82	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00	6.01	6.02	6.03	6.04	6.05	6.06	6.07	6.08	6.09	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19	6.20	6.21	6.22	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.30	6.31	6.32	6.33	6.34	6.35	6.36	6.37	6.38	6.39	6.40	6.41	6.42	6.43	6.44	6.45	6.46	6.47	6.48	6.49	6.50	6.51	6.52	6.53	6.54	6.55	6.56	6.57	6.58	6.59	6.60	6.61	6.62	6.63	6.64	6.65	6.66	6.67	6.68	6.69	6.70	6.71	6.72	6.73	6.74	6.75	6.76	6.77	6.78	6.79	6.80	6.81	6.82	6.83	6.84	6.85	6.86	6.87	6.88	6.89	6.90	6.91	6.92	6.93	6.94	6.95	6.96	6.97	6.98	6.99	7.00	7.01	7.02	7.03	7.04	7.05	7.06	7.07	7.08	7.09	7.10	7.11	7.12	7.13	7.14	7.15	7.16	7.17	7.18	7.19	7.20	7.21	7.22	7.23	7.24	7.25	7.26	7.27	7.28	7.29	7.30	7.31	7.32	7.33	7.34	7.35	7.36	7.37	7.38	7.39	7.40	7.41	7.42	7.43	7.44	7.45	7.46	7.47	7.48	7.49	7.50	7.51	7.52	7.53	7.54	7.55	7.56	7.57	7.58	7.59	7.60	7.61	7.62	7.63	7.64	7.65	7.66	7.67	7.68	7.69	7.70	7.71	7.72	7.73	7.74	7.75	7.76	7.77	7.78	7.79	7.80	7.81	7.82	7.83	7.84	7.85	7.86	7.87	7.88	7.89	7.90	7.91	7.92	7.93	7.94	7.95	7.96	7.97	7.98	7.99	8.00	8.01	8.02	8.03	8.04	8.05	8.06	8.07	8.08	8.09	8.10	8.11	8.12	8.13	8.14	8.15	8.16	8.17	8.18	8.19	8.20	8.21	8.22	8.23	8.24	8.25	8.26	8.27	8.28	8.29	8.30	8.31	8.32	8.33	8.34	8.35	8.36	8.37	8.38	8.39	8.40	8.41	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49	8.50	8.51	8.52	8.53	8.54	8.55	8.56	8.57	8.58	8.59	8.60	8.61	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73	8.74	8.75	8.76	8.77	8.78	8.79	8.80	8.81	8.82	8.83	8.84	8.85	8.86	8.87	8.88	8.89	8.90	8.91	8.92	8.93	8.94	8.95	8.96	8.97	8.98	8.99	9.00	9.01	9.02	9.03	9.04	9.05	9.06	9.07	9.08	9.09	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19	9.20	9.21	9.22	9.23	9.24	9.25	9.26	9.27	9.28	9.29	9.30	9.31	9.32	9.33	9.34	9.35	9.36	9.37	9.38	9.39	9.40	9.41	9.42	9.43	9.44	9.45	9.46	9.47	9.48	9.49	9.50	9.51	9.52	9.53	9.54	9.55	9.56	9.57	9.58	9.59	9.60	9.61	9.62	9.63	9.64	9.65	9.66	9.67	9.68	9.69	9.70	9.71	9.72	9.73	9.74	9.75	9.76	9.77	9.78	9.79	9.80	9.81	9.82	9.83	9.84	9.85	9.86	9.87	9.88	9.89	9.90	9.91	9.92	9.93	9.94	9.95	9.96	9.97	9.98	9.99	10.00

53.20
55.02
20.24
12.93

R/D 9/5/65-3

7/ 6/28/59

SCALE WDFL ACOUSTIC TEST

SPR600694

R-3827

LATES 9/5/65

RADIAL DISTANCE 156

PAGE 1 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

10.0 18.0 20.0 32.0 42.0 50.0 67.0 70.0 75.0 80.0 100.0 120.0 130.0 140.0 150.0 160.0 170.0 (PUL)

FAZ:

57	75.12	74.35	75.69	75.82	7.76	77.58	78.87	80.47	120.8
58	77.22	77.24	77.38	77.39	77.64	78.26	79.06	80.36	120.1
59	74.39	73.95	74.51	75.51	77.14	77.96	79.09	81.18	120.2
60	73.53	73.95	73.33	76.91	78.12	79.18	80.98	83.01	120.1
61	73.14	76.47	80.34	81.74	82.75	81.99	84.35	85.71	120.7
62	72.21	72.32	73.89	75.11	76.75	77.19	78.90	80.11	120.6
63	71.67	70.52	71.65	73.36	73.88	74.19	76.23	77.64	120.2
64	70.27	69.41	71.52	69.89	70.87	72.31	74.03	74.29	120.0
65	70.11	72.11	71.97	72.25	74.35	75.52	71.04	77.96	120.8
66	70.18	70.37	73.35	77.82	78.28	79.28	81.52	83.89	120.3
67	77.77	76.74	78.39	71.96	82.07	81.19	82.21	84.12	120.7
68	75.65	76.19	78.13	71.27	76.33	79.46	80.99	83.98	120.3
69	76.50	75.82	75.46	71.36	76.64	77.37	79.07	79.66	120.6
70	77.42	76.82	79.00	71.07	78.54	80.88	80.97	83.05	120.3
71	79.16	80.22	82.92	82.65	80.21	81.09	81.38	83.34	120.6
72	79.16	79.45	84.31	82.12	80.23	80.87	80.85	82.90	120.7
73	78.37	72.65	82.45	79.16	82.70	79.55	80.42	79.79	120.7
74	79.05	79.51	82.09	82.83	81.15	81.95	83.98	83.08	120.8
75	84.18	87.58	89.34	89.12	87.77	86.43	86.23	88.08	148.9
76	87.13	88.61	88.29	89.18	87.53	86.88	89.83	85.84	148.2
77	95.29	98.09	97.52	97.11	92.96	93.17	94.93	94.15	148.6
78	85.05	86.83	86.93	88.60	87.62	88.39	87.94	87.98	148.8
79	84.34	84.84	82.70	85.46	85.86	86.34	88.47	87.93	148.5
80	85.29	87.17	86.66	88.21	88.71	88.99	89.63	92.58	148.7
81	98.35	107.19	100.7	101.1	99.31	99.46	120.6	121.2	153.2
82	97.82	99.61	99.46	99.66	97.69	98.85	99.18	99.54	153.2
83	111.9	114.9	114.9	114.9	114.9	112.5	113.7	113.9	153.6

MEASURED CASOL
CALCULATED PUL

AIRTEMP 83.86
WET-BULB TEMP 68.82
BAR PRESSURE 29.84
ABS. HUMIDITY 22.93

SCALE NO. 1 ACUSTIC TEST T/D 8/26/69 R/C 9/5/69-3

CU #2 450#2: SPEED 7547

0APWL1 153.2

DATE: 7/15/64

RADIAL DISTANCE: 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET

ANGLE FROM INLET	152.0	152.2	152.4	152.6	152.8	153.0	153.2	153.4	153.6	153.8	154.0	154.2	154.4	154.6	154.8	155.0
0	73.93	74.74	75.70	75.69	77.27	77.71	78.77	79.91								
5	74.33	76.28	77.51	77.15	77.83	78.65	79.63	80.74								
10	73.88	74.50	74.75	75.68	77.39	78.92	79.86	81.13								
15	73.11	74.44	75.78	76.97	78.12	79.21	80.38	81.79								
20	74.43	76.84	79.78	78.43	78.85	80.71	82.74	85.37								
25	72.69	72.62	74.46	75.46	76.54	77.13	78.47	79.51								
30	72.09	70.14	71.12	72.97	73.19	73.61	74.93	76.63								
35	70.52	70.77	70.74	71.17	71.13	72.31	73.99	75.88								
40	74.14	73.54	72.74	73.74	75.24	76.44	78.11	79.92								
45	77.51	77.27	76.64	78.27	79.82	80.51	82.47	84.11								
50	77.77	77.72	79.12	78.59	80.13	80.63	82.67	84.53								
55	75.85	75.19	78.35	78.13	78.16	79.69	79.91	81.34								
60	75.86	76.33	75.53	76.69	76.99	78.59	78.41	79.48								
65	77.48	76.13	76.69	76.62	79.47	80.13	81.88	82.81								
70	82.17	84.22	84.22	83.48	83.0	83.38	81.18	81.42								
75	82.59	87.32	87.82	86.62	86.9	85.17	84.05	83.14								
80	83.47	88.42	91.26	93.45	87.82	84.37	82.28	82.15								
85	83.49	86.26	89.23	88.26	86.79	85.32	86.99	84.84								
90	88.24	91.82	93.92	91.68	90.11	91.71	88.14	87.48								
95	88.22	88.88	88.21	88.62	87.13	86.42	85.53	85.88								
100	94.13	93.23	89.24	91.46	92.53	94.56	93.66	92.44								
105	85.78	86.81	82.27	82.29	83.49	87.15	87.88	87.87								
110	83.83	85.72	82.72	85.59	86.64	85.57	86.82	86.94								
115	84.77	84.88	85.09	86.73	86.98	89.58	91.38	89.97								
120	89.42	100.2	100.4	100.4	99.56	100.6	100.9	100.5								
125	87.92	98.75	99.28	99.24	98.72	99.24	99.18	98.65								
130	113.11	113.2	114.2	113.5	112.6	114.6	113.7	113.8								

MEASURED CASP
CALCULATED CASP

0.0000 152.7

AMBIENT TEMP: 83.00
STANDARD TEMP: 80.00
DAY PRESSURE: 29.94
AIR HUMIDITY: 12.00

SCALE MOLEL ACUSTIC TEST 7/10 8/28/69 R/C 9/5/69-3

7/10 8/28/69 SPEED 77.00

DATE: 9/5/59

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

		VALUES FROM INLET			
		72.1	72.1	72.1	72.1
10	10	127.4	127.4	127.4	127.4
20	20	127.4	127.4	127.4	127.4
30	30	127.4	127.4	127.4	127.4
40	40	127.4	127.4	127.4	127.4
50	50	127.4	127.4	127.4	127.4
60	60	127.4	127.4	127.4	127.4
70	70	127.4	127.4	127.4	127.4
80	80	127.4	127.4	127.4	127.4
90	90	127.4	127.4	127.4	127.4
100	100	127.4	127.4	127.4	127.4
110	110	127.4	127.4	127.4	127.4
120	120	127.4	127.4	127.4	127.4
130	130	127.4	127.4	127.4	127.4
140	140	127.4	127.4	127.4	127.4
150	150	127.4	127.4	127.4	127.4
160	160	127.4	127.4	127.4	127.4
170	170	127.4	127.4	127.4	127.4
180	180	127.4	127.4	127.4	127.4
190	190	127.4	127.4	127.4	127.4
200	200	127.4	127.4	127.4	127.4
210	210	127.4	127.4	127.4	127.4
220	220	127.4	127.4	127.4	127.4
230	230	127.4	127.4	127.4	127.4
240	240	127.4	127.4	127.4	127.4
250	250	127.4	127.4	127.4	127.4
260	260	127.4	127.4	127.4	127.4
270	270	127.4	127.4	127.4	127.4
280	280	127.4	127.4	127.4	127.4
290	290	127.4	127.4	127.4	127.4
300	300	127.4	127.4	127.4	127.4
310	310	127.4	127.4	127.4	127.4
320	320	127.4	127.4	127.4	127.4
330	330	127.4	127.4	127.4	127.4
340	340	127.4	127.4	127.4	127.4
350	350	127.4	127.4	127.4	127.4
360	360	127.4	127.4	127.4	127.4
370	370	127.4	127.4	127.4	127.4
380	380	127.4	127.4	127.4	127.4
390	390	127.4	127.4	127.4	127.4
400	400	127.4	127.4	127.4	127.4
410	410	127.4	127.4	127.4	127.4
420	420	127.4	127.4	127.4	127.4
430	430	127.4	127.4	127.4	127.4
440	440	127.4	127.4	127.4	127.4
450	450	127.4	127.4	127.4	127.4
460	460	127.4	127.4	127.4	127.4
470	470	127.4	127.4	127.4	127.4
480	480	127.4	127.4	127.4	127.4
490	490	127.4	127.4	127.4	127.4
500	500	127.4	127.4	127.4	127.4
510	510	127.4	127.4	127.4	127.4
520	520	127.4	127.4	127.4	127.4
530	530	127.4	127.4	127.4	127.4
540	540	127.4	127.4	127.4	127.4
550	550	127.4	127.4	127.4	127.4
560	560	127.4	127.4	127.4	127.4
570	570	127.4	127.4	127.4	127.4
580	580	127.4	127.4	127.4	127.4
590	590	127.4	127.4	127.4	127.4
600	600	127.4	127.4	127.4	127.4
610	610	127.4	127.4	127.4	127.4
620	620	127.4	127.4	127.4	127.4
630	630	127.4	127.4	127.4	127.4
640	640	127.4	127.4	127.4	127.4
650	650	127.4	127.4	127.4	127.4
660	660	127.4	127.4	127.4	127.4
670	670	127.4	127.4	127.4	127.4
680	680	127.4	127.4	127.4	127.4
690	690	127.4	127.4	127.4	127.4
700	700	127.4	127.4	127.4	127.4
710	710	127.4	127.4	127.4	127.4
720	720	127.4	127.4	127.4	127.4
730	730	127.4	127.4	127.4	127.4
740	740	127.4	127.4	127.4	127.4
750	750	127.4	127.4	127.4	127.4
760	760	127.4	127.4	127.4	127.4
770	770	127.4	127.4	127.4	127.4
780	780	127.4	127.4	127.4	127.4
790	790	127.4	127.4	127.4	127.4
800	800	127.4	127.4	127.4	127.4
810	810	127.4	127.4	127.4	127.4
820	820	127.4	127.4	127.4	127.4
830	830	127.4	127.4	127.4	127.4
840	840	127.4	127.4	127.4	127.4
850	850	127.4	127.4	127.4	127.4
860	860	127.4	127.4	127.4	127.4
870	870	127.4	127.4	127.4	127.4
880	880	127.4	127.4	127.4	127.4
890	890	127.4	127.4	127.4	127.4
900	900	127.4	127.4	127.4	127.4
910	910	127.4	127.4	127.4	127.4
920	920	127.4	127.4	127.4	127.4
930	930	127.4	127.4	127.4	127.4
940	940	127.4	127.4	127.4	127.4
950	950	127.4	127.4	127.4	127.4
960	960	127.4	127.4	127.4	127.4
970	970	127.4	127.4	127.4	127.4
980	980	127.4	127.4	127.4	127.4
990	990	127.4	127.4	127.4	127.4
1000	1000	127.4	127.4	127.4	127.4

B104

ALERT LEV: 85.22
SOUND LEV: 85.22
SOUND PRESS: 20.24
SOUND: 12.93

SCALE: JUEL ACQUISITIC TEST T/O 8/28/69 R/C 9/5/69-3

DATE: 9/5/59

103029

SPEC: 77.66

DATE: 4/5/69

RADIAL DISTANCE 151

PAGE: 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

DEPTH	ANGLE FROM INLET	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
50	72.2	74.16	75.42	76.21	77.39	77.83	78.02	79.45	80.47	129.5
60	72.2	74.23	75.68	76.46	77.65	78.22	78.83	80.83	81.92	129.8
70	72.2	74.49	75.55	76.72	77.84	78.46	79.62	81.66	81.59	130.3
80	72.2	74.58	75.12	76.42	77.48	78.24	82.35	81.55	82.89	131.2
90	72.2	75.09	76.82	78.69	78.52	82.18	83.31	82.83	83.86	132.8
100	72.2	75.21	75.44	75.81	76.18	77.34	78.32	79.46	80.79	129.4
110	72.2	75.19	75.76	76.96	77.37	78.59	79.19	79.75	77.19	129.9
120	72.2	75.14	75.18	75.25	75.17	75.76	73.41	74.85	75.74	124.9
130	72.2	75.07	75.26	75.34	75.83	76.55	77.81	78.18	88.67	129.2
140	72.2	75.25	75.33	76.11	76.11	76.11	82.70	82.28	83.58	123.7
150	72.2	75.03	75.49	75.73	76.68	81.71	81.98	83.70	85.66	134.3
160	72.2	75.04	75.28	75.29	75.31	79.14	79.86	81.17	82.54	132.1
170	72.2	75.14	75.83	75.88	76.20	77.48	78.77	81.37	83.19	138.7
180	72.2	75.12	80.79	81.93	81.93	82.88	81.86	82.61	83.29	138.4
190	72.2	81.25	81.84	81.82	81.43	81.22	80.71	80.72	85.43	142.7
200	72.2	82.73	84.27	89.86	96.16	93.58	91.63	93.57	89.27	147.8
210	72.2	82.16	83.82	84.82	84.46	84.94	82.91	83.76	87.37	146.5
220	72.2	82.17	82.28	87.41	87.38	85.88	85.18	85.76	83.54	138.7
230	72.2	87.88	89.47	91.27	90.99	88.52	87.83	87.62	86.88	142.3
240	72.2	88.13	90.19	89.12	88.27	87.54	87.16	85.18	85.19	141.9
250	72.2	89.81	89.88	88.82	89.71	89.97	83.54	95.88	96.93	146.7
260	72.2	88.15	88.88	88.23	87.84	86.58	87.84	87.33	87.67	141.5
270	72.2	88.76	88.13	83.24	85.64	86.21	87.43	86.35	86.46	141.6
280	72.2	84.11	85.10	84.06	87.88	86.72	88.33	88.88	89.22	144.2
290	72.2	142.9	141.7	142.6	142.6	141.8	141.7	142.6	142.3	
300	72.2	142.3	143.7	142.6	141.6	140.8	141.2	141.2	140.7	
310	72.2	142.5	143.4	143.3	143.3	144.1	144.1	143.4	143.8	

TESTED: JASPL
CALCULATED: JASPL
P. 1-3

APPROX. TEMP: 83.80
HEAT LOSS TEMP: 80.80
SAT. PRESS. RE: 28.24
4.5% CORRECTION: 12.93

SCALE: MODEL A - STIC TEST 7/2 8/28/69 R/E 5/5/69-3

R. W. 5.303 SPREADSHEET

OAPHLI 134.5

RADIAL DISTANCE 150

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE F401 1-LET
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1	1.795	1.853	1.898	1.925	2.025	2.403	3.240	4.272
2	1.748	1.849	1.841	1.573	2.397	3.622	4.487	
3	1.33	1.17	1.232	1.592	2.740	3.791	4.716	
4	1.38	1.28	1.12	1.555	2.647	3.844	5.111	
5	1.33	1.33	1.893	1.734	2.217	4.937	5.799	4.481
6	1.24	1.24	1.778	1.513	1.540	2.331	3.685	5.003
7	1.24	1.56	1.381	1.723	1.251	1.855	3.434	4.841
8	1.82	1.738	1.935	1.991	1.599	2.248	3.094	4.579
9	1.59	1.48	1.93	1.536	1.264	2.411	3.713	5.281
10	1.75	1.51	1.76	1.328	1.288	1.883	3.679	5.523
11	1.35	1.48	1.408	1.216	1.328	1.881	3.318	5.277
12	1.35	1.887	1.197	1.223	1.454	1.769	3.682	4.451
13	1.24	1.342	1.12	1.326	1.257	2.144	4.752	3.576
14	1.51	1.372	1.714	1.525	1.884	1.892	2.387	3.275
15	2.82	3.486	3.183	1.996	2.778	2.758	1.71	3.88
16	2.44	1.951	3.739	2.833	2.618	1.69	2.488	-4.25
17	1.88	1.886	4.699	2.975	2.623	1.928	1.12	-4.54
18	2.37	1.332	3.482	3.166	1.471	1.239	1.825	-3.8
19	1.28	2.172	3.969	3.886	1.214	1.291	1.211	-1.22
20	1.49	3.351	3.453	3.018	1.891	1.538	1.55	-1.46
21	1.38	1.39	3.122	1.521	1.27	2.381	4.649	5.804
22	1.531	1.484	3.12	2.356	1.170	2.243	1.927	3.211
23	1.514	1.520	1.36	1.342	1.095	2.822	3.751	1.899
24	1.33	1.739	1.78	1.256	1.756	2.483	4.834	3.378

ASBEST TEMP 93.24
 METEOROL EVO 60.82
 DAY PRESSURE 29.24
 1-31 -01000 12.93

SCALE 100% ACC STIC TEST T/L 8/28/69 R/C 9/5/69-3

AL 82 10383 SPEED 7907

DATE: 9/5/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	20	25	32	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000
5	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36
63	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37
80	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12	-2.12
125	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15	-3.15
160	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19
200	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22	-5.22
250	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25	-6.25
315	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28	-7.28
400	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31	-8.31
500	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34	-9.34
630	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37	-10.37
800	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40	-11.40
1000	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43	-12.43
1250	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46	-13.46
1600	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49	-14.49
2000	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52	-15.52
2500	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55	-16.55
3150	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58	-17.58
4000	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61	-18.61
5000	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64	-19.64
6300	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67	-20.67
8000	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70	-21.70
10000	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73	-22.73

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B109

APPROX. TEST 24 55.00
REPRODUCED TEST 24 55.00
APPROX. PRESS. 29.24
APPROX. DENSITY 12.93

SCALE MODEL ACOUSTIC TEST 7/10 8/28/59 R/C 9/5/59-3
RANGE 100000 SPEED 100

[illegible]

IC-12 DECLASS. EVAS DISCLOSURE 1985

FILE	32.4	4.1	31.4	4.2	30.2	4.3	29.2	4.4	28.2	4.5	27.2	4.6	26.2	4.7	25.2	4.8	24.2	4.9	23.2	5.0	22.2	5.1	21.2	5.2	20.2	5.3	19.2	5.4	18.2	5.5	17.2	5.6	16.2	5.7	15.2	5.8	14.2	5.9	13.2	6.0	12.2	6.1	11.2	6.2	10.2	6.3	9.2	6.4	8.2	6.5	7.2	6.6	6.2	6.7	5.2	6.8	4.2	6.9	3.2	7.0	2.2	7.1	1.2	7.2	0.2	7.3	0.2	7.4	0.2	7.5	0.2	7.6	0.2	7.7	0.2	7.8	0.2	7.9	0.2	8.0	0.2	8.1	0.2	8.2	0.2	8.3	0.2	8.4	0.2	8.5	0.2	8.6	0.2	8.7	0.2	8.8	0.2	8.9	0.2	9.0	0.2	9.1	0.2	9.2	0.2	9.3	0.2	9.4	0.2	9.5	0.2	9.6	0.2	9.7	0.2	9.8	0.2	9.9	0.2	10.0	0.2	10.1	0.2	10.2	0.2	10.3	0.2	10.4	0.2	10.5	0.2	10.6	0.2	10.7	0.2	10.8	0.2	10.9	0.2	11.0	0.2	11.1	0.2	11.2	0.2	11.3	0.2	11.4	0.2	11.5	0.2	11.6	0.2	11.7	0.2	11.8	0.2	11.9	0.2	12.0	0.2	12.1	0.2	12.2	0.2	12.3	0.2	12.4	0.2	12.5	0.2	12.6	0.2	12.7	0.2	12.8	0.2	12.9	0.2	13.0	0.2	13.1	0.2	13.2	0.2	13.3	0.2	13.4	0.2	13.5	0.2	13.6	0.2	13.7	0.2	13.8	0.2	13.9	0.2	14.0	0.2	14.1	0.2	14.2	0.2	14.3	0.2	14.4	0.2	14.5	0.2	14.6	0.2	14.7	0.2	14.8	0.2	14.9	0.2	15.0	0.2	15.1	0.2	15.2	0.2	15.3	0.2	15.4	0.2	15.5	0.2	15.6	0.2	15.7	0.2	15.8	0.2	15.9	0.2	16.0	0.2	16.1	0.2	16.2	0.2	16.3	0.2	16.4	0.2	16.5	0.2	16.6	0.2	16.7	0.2	16.8	0.2	16.9	0.2	17.0	0.2	17.1	0.2	17.2	0.2	17.3	0.2	17.4	0.2	17.5	0.2	17.6	0.2	17.7	0.2	17.8	0.2	17.9	0.2	18.0	0.2	18.1	0.2	18.2	0.2	18.3	0.2	18.4	0.2	18.5	0.2	18.6	0.2	18.7	0.2	18.8	0.2	18.9	0.2	19.0	0.2	19.1	0.2	19.2	0.2	19.3	0.2	19.4	0.2	19.5	0.2	19.6	0.2	19.7	0.2	19.8	0.2	19.9	0.2	20.0	0.2	20.1	0.2	20.2	0.2	20.3	0.2	20.4	0.2	20.5	0.2	20.6	0.2	20.7	0.2	20.8	0.2	20.9	0.2	21.0	0.2	21.1	0.2	21.2	0.2	21.3	0.2	21.4	0.2	21.5	0.2	21.6	0.2	21.7	0.2	21.8	0.2	21.9	0.2	22.0	0.2	22.1	0.2	22.2	0.2	22.3	0.2	22.4	0.2	22.5	0.2	22.6	0.2	22.7	0.2	22.8	0.2	22.9	0.2	23.0	0.2	23.1	0.2	23.2	0.2	23.3	0.2	23.4	0.2	23.5	0.2	23.6	0.2	23.7	0.2	23.8	0.2	23.9	0.2	24.0	0.2	24.1	0.2	24.2	0.2	24.3	0.2	24.4	0.2	24.5	0.2	24.6	0.2	24.7	0.2	24.8	0.2	24.9	0.2	25.0	0.2	25.1	0.2	25.2	0.2	25.3	0.2	25.4	0.2	25.5	0.2	25.6	0.2	25.7	0.2	25.8	0.2	25.9	0.2	26.0	0.2	26.1	0.2	26.2	0.2	26.3	0.2	26.4	0.2	26.5	0.2	26.6	0.2	26.7	0.2	26.8	0.2	26.9	0.2	27.0	0.2	27.1	0.2	27.2	0.2	27.3	0.2	27.4	0.2	27.5	0.2	27.6	0.2	27.7	0.2	27.8	0.2	27.9	0.2	28.0	0.2	28.1	0.2	28.2
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B11

AVIANT YEP.	3,082
STOYLA YEP. <td>3,322</td>	3,322
HAB. PRESSURE <td>3,260</td>	3,260
ASS. HUMIDITY <td>3,093</td>	3,093

SALE: 10451 43 515 TEST 7/2 4/28/09 8/0 9/5/09-3

100-443887-100

DATE: 9/25/69

RACIAL DISTANCE 150

PAGE: 2

SOALV PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET									
	2.2	14.2	24.2	34.2	44.2	54.2	64.2	74.2	84.2	94.2
92	-1.36	-1.51	-1.63	-1.73	-1.82	-1.90	-1.97	-2.03	-2.08	-2.12
63	-1.47	-1.62	-1.75	-1.86	-1.95	-2.02	-2.08	-2.13	-2.17	-2.21
84	-1.53	-1.68	-1.81	-1.91	-1.99	-2.06	-2.12	-2.17	-2.21	-2.25
131	-1.58	-1.73	-1.86	-1.96	-2.03	-2.09	-2.14	-2.18	-2.22	-2.26
125	-1.63	-1.78	-1.91	-2.01	-2.08	-2.14	-2.19	-2.23	-2.27	-2.31
161	-1.68	-1.83	-1.96	-2.06	-2.13	-2.19	-2.24	-2.28	-2.32	-2.36
22	-1.73	-1.88	-2.01	-2.11	-2.18	-2.24	-2.29	-2.33	-2.37	-2.41
251	-1.78	-1.93	-2.06	-2.16	-2.23	-2.29	-2.34	-2.38	-2.42	-2.46
315	-1.83	-1.98	-2.11	-2.21	-2.28	-2.34	-2.39	-2.43	-2.47	-2.51
487	-1.88	-2.03	-2.16	-2.26	-2.33	-2.39	-2.44	-2.48	-2.52	-2.56
582	-1.93	-2.08	-2.21	-2.31	-2.38	-2.44	-2.49	-2.53	-2.57	-2.61
632	-1.98	-2.13	-2.26	-2.36	-2.43	-2.49	-2.54	-2.58	-2.62	-2.66
921	-2.03	-2.18	-2.31	-2.41	-2.48	-2.54	-2.59	-2.63	-2.67	-2.71
1222	-2.08	-2.23	-2.36	-2.46	-2.53	-2.59	-2.64	-2.68	-2.72	-2.76
1257	-2.13	-2.28	-2.41	-2.51	-2.58	-2.64	-2.69	-2.73	-2.77	-2.81
1632	-2.18	-2.33	-2.46	-2.56	-2.63	-2.69	-2.74	-2.78	-2.82	-2.86
2282	-2.23	-2.38	-2.51	-2.61	-2.68	-2.74	-2.79	-2.83	-2.87	-2.91
2522	-2.28	-2.43	-2.56	-2.66	-2.73	-2.79	-2.84	-2.88	-2.92	-2.96
3152	-2.33	-2.48	-2.61	-2.71	-2.78	-2.84	-2.89	-2.93	-2.97	-3.01
4222	-2.38	-2.53	-2.66	-2.76	-2.83	-2.89	-2.94	-2.98	-3.02	-3.06
5222	-2.43	-2.58	-2.71	-2.81	-2.88	-2.94	-2.99	-3.03	-3.07	-3.11
6322	-2.48	-2.63	-2.76	-2.86	-2.93	-2.99	-3.04	-3.08	-3.12	-3.16
8222	-2.53	-2.68	-2.81	-2.91	-2.98	-3.04	-3.09	-3.13	-3.17	-3.21
19222	-2.58	-2.73	-2.86	-2.96	-3.03	-3.09	-3.14	-3.18	-3.22	-3.26

B113

ALBERT TEBB
GET-BUILD TEBB
PAR, PRESS-RE
ASS, MULTIPLY

SCALE MODEL ACCUSTIC TEST T/J 8/28/69 R/D 9/5/69-3

SPEED=8557

APPENDIX C

DATA FROM D/V III, IGV's NOMINAL

(REF. SECTION V)

DATE: 2/1/72

PAGE: 1

RADIAL DISTANCE 230

SOUND PRESSURE LEVELS DERIVED AT STANDARD DAY

FREQ.	1.2	12.8	27.8	37.2	47.2	58.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	(PAL)
5	48.25	64.21	64.51	62.89	62.88	63.54	65.22	64.88	67.39	56.62	66.26	66.26	66.26	66.26	66.26	66.26	66.26	66.26	123.4
8	63.88	62.28	72.21	62.21	62.26	63.54	71.44	64.25	68.28	68.28	68.28	68.28	68.28	68.28	68.28	68.28	68.28	68.28	123.4
12	67.79	61.35	62.27	61.99	62.79	63.66	65.27	65.39	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	123.4
16	65.79	64.66	63.92	64.22	63.77	64.78	65.27	66.29	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	123.4
20	64.41	65.96	63.25	63.62	64.89	64.98	66.32	66.52	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	123.4
24	63.76	62.74	64.92	64.68	64.54	64.78	67.18	66.91	69.19	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	67.82	123.4
28	63.46	61.34	63.64	61.59	63.16	63.28	66.29	64.78	65.86	65.86	65.86	65.86	65.86	65.86	65.86	65.86	65.86	65.86	123.4
32	62.33	58.22	59.32	58.67	62.33	62.12	62.63	61.26	62.33	62.33	62.33	62.33	62.33	62.33	62.33	62.33	62.33	62.33	123.4
36	64.43	63.56	64.76	62.82	63.39	63.19	64.44	62.71	64.39	63.13	63.13	63.13	63.13	63.13	63.13	63.13	63.13	63.13	123.4
40	62.45	62.32	64.68	62.35	62.27	63.27	63.28	63.11	64.38	63.92	63.92	63.92	63.92	63.92	63.92	63.92	63.92	63.92	123.4
44	66.79	66.82	68.39	66.89	67.74	67.32	67.54	67.94	68.78	68.94	68.94	68.94	68.94	68.94	68.94	68.94	68.94	68.94	123.4
48	62.79	72.88	71.27	71.49	71.21	70.35	72.38	72.18	72.75	71.94	71.94	71.94	71.94	71.94	71.94	71.94	71.94	71.94	123.4
52	71.28	73.39	69.63	71.82	69.76	68.68	71.24	69.79	71.79	70.81	71.23	71.23	71.23	71.23	71.23	71.23	71.23	71.23	123.4
56	72.12	72.43	74.12	72.89	70.11	69.85	70.49	69.72	71.83	71.12	71.83	71.12	71.83	71.12	71.83	71.12	71.83	71.12	123.4
60	75.31	79.58	77.63	77.71	75.17	75.88	74.71	75.32	76.65	77.61	78.24	75.31	77.61	78.24	75.31	77.61	78.24	75.31	123.4
64	75.68	76.85	76.13	75.33	72.83	75.22	71.25	75.41	74.22	75.79	76.28	74.48	72.62	74.48	72.62	74.48	72.62	74.48	123.4
68	73.88	76.85	77.95	76.82	73.32	76.28	73.38	74.67	72.82	74.67	74.67	74.67	74.67	74.67	74.67	74.67	74.67	74.67	123.4
72	74.59	76.17	76.74	74.11	73.59	74.64	76.97	75.74	76.91	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	123.4
76	83.63	82.16	82.94	84.77	83.83	81.55	85.92	86.52	89.84	84.34	79.37	81.98	75.94	84.34	79.37	81.98	75.94	84.34	123.4
80	78.42	78.21	74.34	78.45	74.88	76.27	76.93	78.84	82.81	78.91	78.52	77.25	69.64	78.91	78.52	77.25	69.64	78.91	123.4
84	75.38	77.73	76.14	76.11	73.45	76.24	74.91	75.52	77.83	79.82	82.69	73.37	71.30	79.82	82.69	73.37	71.30	79.82	123.4
88	78.29	78.32	82.44	78.25	77.22	73.51	78.72	78.69	81.28	78.69	81.28	78.69	81.28	78.69	81.28	78.69	81.28	78.69	123.4
92	74.13	73.22	77.39	73.34	71.51	71.95	71.81	73.19	74.86	75.87	74.86	75.87	74.86	75.87	74.86	75.87	74.86	75.87	123.4
96	73.18	74.71	71.02	71.54	72.88	71.16	71.48	73.21	74.42	75.53	74.99	72.97	67.19	74.99	72.97	67.19	74.99	72.97	123.4
100	87.34	86.64	86.49	87.26	86.54	85.41	88.04	89.29	91.46	88.36	87.71	85.02	81.78	88.36	87.71	85.02	81.78	88.36	123.4
104	89.27	88.55	88.39	88.29	87.33	86.61	88.09	89.48	91.75	89.36	89.04	87.19	84.67	89.36	89.04	87.19	84.67	89.36	123.4
108	123.5	122.4	124.4	123.7	123.5	121.5	124.4	125.2	127.4	125.6	124.8	122.4	118.57	125.6	124.8	122.4	118.57	125.6	123.4

DATA: 149.3

ADJUST TEMP: 34.49
 REF. TEMP: 31.49
 BAR. PRESSURE: 24.93
 ABS. HUMIDITY: 1.884

FAA FA/ PRESSURE - PHASE 58 + 50 T/D 1/27/72 R/D 1/37/72-3

POW:11 R0381 SPEED:5027

DATE: 2/1/77

RADIAL DISTANCE 254

PAGE: 1

SCALD PRESSURE LEVELS REDUCED AT STATIONARY DAY

FREQ.	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
51	49.24	64.42	44.89	45.16	45.49	65.90	45.41	67.18	49.19	68.87
52	65.62	53.21	71.49	63.82	64.29	64.72	71.67	66.29	69.72	68.17
53	63.73	63.16	63.89	63.58	64.51	65.52	66.23	66.77	68.31	68.88
54	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
55	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
56	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
57	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
58	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
59	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
60	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
61	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
62	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
63	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
64	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
65	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
66	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
67	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
68	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
69	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
70	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
71	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
72	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
73	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
74	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
75	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
76	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
77	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
78	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
79	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
80	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
81	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
82	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
83	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
84	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
85	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
86	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
87	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
88	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
89	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
90	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
91	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
92	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
93	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
94	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
95	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
96	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
97	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
98	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
99	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82
100	65.32	65.45	65.47	65.58	66.16	67.15	67.89	69.42	70.83	70.82

MEASURED CASPL	92.39	91.32	92.32	91.36	98.28	89.71	98.77	51.36	93.00	92.89	91.75	89.09	87.85
CALCULATED CASPL	89.72	92.47	89.47	92.47	89.47	89.47	92.47	92.47	92.47	92.47	92.47	92.47	92.47
SCALD	124.8	124.4	123.1	123.7	123.7	123.1	123.6	123.5	123.9	123.4	123.6	123.5	123.5

PAGE: 1

ANGLE: 92.39, 91.32, 92.32, 91.36, 98.28, 89.71, 98.77, 51.36, 93.00, 92.89, 91.75, 89.09, 87.85
SCALD: 124.8, 124.4, 123.1, 123.7, 123.7, 123.1, 123.6, 123.5, 123.9, 123.4, 123.6, 123.5, 123.5

FAA: FA/COMPRESSOR - PHASE 2B & 5C 1/0 1/22/77 - 3/0 1/32/77-03

DATE: 2/1/77

SCALD: 124.8

SCALD: 124.8

RADIAL DISTANCE 250

SOURCE PRESSURE LEVELS - DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET															
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
50	-5.33	-3.39	-3.61	-4.28	-4.71	-5.14	-5.23	-5.18	-4.99	-4.78	-4.55	-4.34	-4.12	-3.93	-3.79	-3.65
63	-5.22	-5.64	-5.62	-5.36	-5.15	-4.84	-4.61	-4.65	-4.52	-4.38	-4.25	-4.12	-3.99	-3.85	-3.79	-3.69
80	-5.33	-5.16	-4.46	-4.38	-3.94	-3.52	-3.51	-3.33	-3.12	-2.88	-2.61	-2.37	-2.17	-2.00	-1.87	-1.78
100	-6.43	-6.88	-6.78	-5.83	-5.04	-4.19	-3.37	-2.56	-1.79	-1.07	-0.36	0.34	1.07	1.71	2.30	2.85
125	-4.51	-3.64	-5.25	-3.66	-3.12	-2.21	-1.44	-0.82	-0.38	0.12	0.53	0.93	1.31	1.67	2.01	2.32
150	-4.89	-5.61	-5.21	-4.44	-3.67	-2.33	-0.93	-0.41	0.34	1.07	1.73	2.33	2.84	3.31	3.73	4.05
175	-2.49	-3.59	-3.47	-3.84	-2.74	-2.31	-1.34	-0.33	0.24	0.94	1.54	2.11	2.64	3.13	3.53	3.85
200	-24.8	-28.7	-28.2	-29.8	-26.2	-25.7	-24.5	-23.6	-23.2	-22.9	-22.5	-22.1	-21.8	-21.5	-21.2	-20.9
225	-2.27	-3.17	-1.87	-6.81	-3.33	-5.61	-2.43	-4.38	-2.14	-2.89	-2.55	-2.24	-1.94	-1.64	-1.34	-1.04
250	-2.98	-2.42	-2.77	-1.61	-1.51	-1.37	-2.12	-1.82	-2.28	-2.84	-2.74	-2.49	-2.19	-1.93	-1.63	-1.33
275	-1.93	-4.47	-1.17	1.969	-1.94	-1.85	-1.79	-1.66	-2.37	-2.85	-2.83	-2.68	-2.38	-2.08	-1.78	-1.48
300	-2.23	-2.33	-2.33	-1.83	-2.11	-2.51	-2.51	-2.49	-1.81	-2.68	-2.68	-2.51	-2.18	-1.88	-1.58	-1.28
325	-1.87	-7.92	1.152	1.443	-2.37	-2.72	-1.75	-2.35	-1.07	-2.92	-1.34	-0.91	-0.54	-0.19	0.19	0.54
350	-3.64	-9.437	1.116	1.264	-2.41	-1.53	-2.13	-2.88	-0.31	-6.82	-1.48	-0.37	-0.18	0.18	0.37	0.48
375	-1.25	3.28	1.946	1.188	-2.75	-0.72	-3.87	-1.69	-1.48	-0.12	0.87	0.87	0.12	0.12	0.36	0.46
400	-3.93	1.287	1.784	-0.00	-3.82	-4.53	-5.81	-2.21	-1.83	-3.738	2.382	-5.37	-3.94	-2.52	-1.52	-0.94
425	-1.25	6.823	1.234	-2.35	0.877	-3.96	1.356	-2.34	5.327	-2.87	1.681	-5.52	-3.94	-2.52	-1.52	-0.94
450	-1.87	-22.6	-21.2	-19.6	-19.5	-28.7	-17.3	-16.8	-15.7	-17.7	-28.8	-31.3	-27.5	-23.5	-20.5	-17.5
475	-3.54	-2.68	-5.38	-1.49	-4.58	-1.91	-3.23	-0.37	5.173	0.525	-2.57	-3.27	-12.7	-12.7	-12.7	-12.7
500	-3.12	-2.18	-3.72	-1.48	-3.28	-1.28	-1.71	-0.33	0.837	2.812	2.837	2.837	2.837	2.837	2.837	2.837
525	-1.69	-4.9	-2.668	-3.31	-1.93	-3.99	-0.96	1.306	2.746	1.686	1.262	5.17	-4.76	-4.76	-4.76	-4.76
550	2.242	-1.59	-4.87	-8.66	-4.53	-3.18	-2.56	2.385	2.643	1.549	-7.94	-7.94	-7.94	-7.94	-7.94	-7.94
575	-1.231	2.228	-2.37	-2.28	0.866	-2.87	-2.31	-5.87	7.642	2.329	1.652	-4.49	-6.57	-6.57	-6.57	-6.57

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ANALYST: TEUPA 14.49
 "ETB-LJ" TEUPA 11.49
 BAR. PRESS. RE 24.95
 ABS. P. IDITY 3.004

FAA FAULT/COMPRESS - PHASE 5R - SC 1/0 1/27/78 9/0 1/32/78-3

RJ-11 RC-1R3 SPEED=575

PARTIAL DISTANCE 250

DATE: 2/1/77

SOURCE PRESSURE LEVELS DIRECTIVITY 1.75X

FREQ.	ANGLES FROM INLET															
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2
50	-1.71	-3.29	-3.45	-3.56	-3.63	-2.87	-2.05	-1.14	.8167	.9243	1.229	1.229	1.229	1.229	1.229	1.229
60	-4.37	-5.15	-1.691	-4.39	-4.16	-3.20	1.279	-1.59	.9948	.7742	1.512	3.928	6.362			
80	-4.77	-4.79	-3.85	-4.15	-3.42	-2.84	-1.21	-1.28	.388	.827	2.492	4.721	5.774			
100	-6.24	-5.36	-4.37	-3.75	-3.25	-2.27	-1.25	2.629	.4959	2.661	2.442	4.233	3.584			
120	-3.80	-3.89	-4.82	-3.69	-2.82	-2.43	-1.08	-1.39	.9319	1.822	2.786	4.429	5.145			
140	-4.72	-4.65	-4.49	-3.54	-2.11	-1.76	-1.41	.2421	1.781	1.961	3.166	3.638	3.821			
160	-1.99	-4.81	-2.77	-3.46	-1.05	-1.41	.8941	1.431	1.431	1.431	1.431	1.431	1.431			
180	-6.35	-4.81	-4.25	-4.33	-2.14	-1.15	-3.88	1.129	1.355	.8636	2.551	5.315	2.283			
200	.3791	.5332	1.181	-1.45	-1.84	-3.59	-4.75	-2.17	.8718	1.136	2.945	4.114	2.719			
220	-1.56	-1.43	.6416	-1.75	-2.76	-1.63	-1.75	-2.13	.3450	2.849	4.316	3.777	.5859			
240	-1.99	-1.38	.293	-1.22	-1.44	-1.55	-1.45	-1.72	.8814	1.607	4.415	2.443	-1.93			
260	-1.97	.6922	-3.05	-1.31	-1.78	-1.71	-1.21	-1.428	-1.893	1.129	.4295	1.747	4.977	-1.53		
280	.9908	1.497	2.444	-3.87	-1.782	-1.30	-1.884	-1.452	1.881	1.714	1.026	2.086	-1.12	-2.63		
300	-1.96	1.566	1.283	.3224	-1.57	-1.62	-1.753	-1.971	1.714	1.714	1.714	1.714	1.714	1.714		
320	-1.57	2.381	1.415	1.598	-1.88	-1.82	-1.754	-1.13	.43	1.736	2.927	-1.19	-4.79			
340	.6998	3.969	1.636	1.287	-1.37	.6391	-1.87	-1.886	-1.547	.9484	1.502	-2.53	-3.25			
360	-2.82	2.234	2.542	1.589	-1.38	.8951	-1.95	-1.84	.745	.3359	3.768	-1.74	-2.72			
380	-1.12	1.263	2.148	-1.57	1.294	-2.71	2.452	.8929	.777	-1.22	1.398	-5.17	-2.62			
400	.2458	-2.62	-2.32	-1.534	.5728	-2.18	1.719	2.774	4.427	1.146	-1.99	-3.52	-8.81			
420	-2.18	-1.972	-4.31	.6291	-1.558	.7799	1.268	4.234	2.379	2.672	-1.83	-4.62	-9.64			
440	-2.27	.8449	-1.23	-2.43	-2.21	.3892	-4.34	.6788	1.382	3.211	3.325	-5.18	-5.51			
460	-2.62	-1.584	.9156	-3.86	-1.604	-2.14	-1.252	2.472	3.339	.7456	2.284	-4.93	-4.98			
480	.6592	-1.14	.5191	.8858	-1.59	-1.14	-1.94	1.525	.9968	4.517	.4514	-2.83	-5.85			
500	-1.12	.2729	-2.74	-3.67	-3.49	-3.81	-2.154	.2715	1.147	6.719	2.163	-3.38	-6.77			

ANGLE: 120.2 35.22
 "E" = 32.02
 BAS. PRESSURE -28.95
 ASS. DIRECTIVITY 3.976

FAI PA/COMPRESS = PHASE 50 + 50 7/3 1/27/77 R/C 1/37/78-3

QU=11 R03885 SPEED=020"

DATE: 2/ 2/72

PAGE: 2

RADIAL DISTANCE 252

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

FRE.	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
52	3.723	-3.72	-3.72	-3.72	-3.72	-3.72	-3.72	-3.72	-3.72	-3.72
53	1.922	-4.66	-1.32	-4.86	-4.30	-3.46	1.371	-1.26	7.734	1.239
54	2.116	-5.38	-4.24	-4.46	-3.47	-2.59	-1.49	-1.12	2.299	2.145
55	-2.91	-4.79	-4.55	-2.21	-1.59	-1.35	-1.08	-1.54	3.859	1.768
56	-2.50	-4.57	-5.52	-3.75	-2.97	-2.52	-1.66	-1.42	7.757	1.692
57	-2.68	-4.01	-4.89	-3.82	-2.49	-1.86	-1.11	-1.25	1.892	1.948
58	-1.533	-5.72	-4.23	-3.33	-2.11	-1.77	-2.261	-0.263	2.289	2.628
59	-1.326	-4.42	-4.99	-4.31	-2.33	-1.63	-2.17	4.276	4.869	2.371
60	-1.526	1.145	3.277	-4.25	-2.02	-4.21	-1.11	-2.51	1.665	1.839
61	-1.39	-2.32	-1.33	-2.78	-3.31	-2.26	-2.17	-1.78	3.786	2.844
62	-2.22	-1.87	-2.24	-1.62	-1.52	-0.92	-0.28	-0.29	2.828	4.358
63	-1.857	-1.75	1.119	-1.78	-1.27	-1.43	3.969	-0.392	1.475	1.233
64	6.993	2.825	2.484	-4.13	-0.72	-1.66	5.838	-0.31	9.755	4.427
65	-1.625	2.769	0.217	2.915	-1.54	-1.33	-0.22	-1.15	1.415	1.520
66	-1.39	1.893	1.212	1.51	-1.53	-2.81	-1.17	-4.39	1.406	2.138
67	1.469	3.628	1.419	0.951	-1.35	6.694	-2.59	-0.24	-0.335	1.437
68	-2.141	2.428	2.231	3.513	-1.66	4.518	-1.73	-0.23	-0.231	1.484
69	-1.122	1.748	2.412	-0.81	1.139	-2.35	2.392	7.777	2.266	-9.99
70	-3.113	-3.12	-2.43	-1.19	1.589	-2.39	1.839	2.522	4.733	5.027
71	-3.37	-1.62	-3.09	1.227	-1.24	1.851	1.915	2.327	2.786	1.155
72	-2.73	2.205	-1.44	-1.69	-2.22	0.345	-0.13	7.184	1.512	1.537
73	-3.69	-2.39	4.429	-3.26	-4.59	-2.78	9.203	3.868	4.896	1.823
74	-1.934	-1.89	-2.37	-3.45	-1.24	-0.88	4.362	7.762	1.991	3.538
75	-1.66	-1.459	-2.49	-2.74	-3.48	-1.99	-0.22	9.976	3.141	3.519

AMBIENT TEMP. 32.22
WET-BULB TEMP. 32.22
BAR. PRESS. 24.95
ABS. HUMIDITY 3.974

FAA FAULT PRESSURE - PHASE 58 - 50 T/D 1/27/72 4/2 1/30/78-3

RUWELL 437856 SPEED 0.4457

DATE: 2/24/72

RADIAL DISTANCE 252

PAGE 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

	7.2	12.2	27.2	42.2	57.2	72.2	87.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1REQ.	72.43	69.45	66.34	63.19	60.01	56.89	53.76	50.61	47.45	44.28	41.10	37.91	34.71	31.50
5R	67.85	64.87	61.76	58.61	55.45	52.28	49.10	45.91	42.71	39.51	36.31	33.11	29.91	26.71
82	66.93	63.95	60.84	57.69	54.53	51.37	48.20	45.03	41.86	38.69	35.52	32.35	29.18	26.01
102	66.64	63.66	60.55	57.40	54.24	51.08	47.91	44.74	41.57	38.40	35.23	32.06	28.89	25.72
123	65.72	62.74	59.63	56.48	53.32	50.16	46.99	43.82	40.65	37.48	34.31	31.14	27.97	24.80
142	64.81	61.83	58.72	55.57	52.41	49.25	46.08	42.91	39.74	36.57	33.40	30.23	27.06	23.89
202	64.17	61.19	58.08	54.93	51.77	48.61	45.44	42.27	39.10	35.93	32.76	29.59	26.42	23.25
282	63.47	60.49	57.38	54.23	51.07	47.91	44.74	41.57	38.40	35.23	32.06	28.89	25.72	22.55
319	64.35	61.37	58.26	55.11	51.95	48.79	45.62	42.45	39.28	36.11	32.94	29.77	26.60	23.43
402	64.29	61.31	58.20	55.05	51.89	48.72	45.55	42.38	39.21	36.04	32.87	29.70	26.53	23.36
502	67.14	64.16	61.05	57.90	54.74	51.58	48.41	45.24	42.07	38.90	35.73	32.56	29.39	26.22
602	72.48	69.50	66.39	63.24	60.08	56.92	53.75	50.58	47.41	44.24	41.07	37.90	34.73	31.56
802	72.29	69.31	66.20	63.05	59.89	56.73	53.56	50.39	47.22	44.05	40.88	37.71	34.54	31.37
1002	74.29	71.31	68.20	65.05	61.89	58.73	55.56	52.39	49.22	46.05	42.88	39.71	36.54	33.37
1202	77.23	74.25	71.14	68.00	64.84	61.68	58.51	55.34	52.17	49.00	45.83	42.66	39.49	36.32
1402	78.24	75.26	72.15	69.00	65.84	62.68	59.51	56.34	53.17	50.00	46.83	43.66	40.49	37.32
2002	79.75	76.77	73.66	70.51	67.35	64.19	61.02	57.85	54.68	51.51	48.34	45.17	41.99	38.82
2102	75.89	72.91	69.80	66.65	63.50	60.34	57.17	54.00	50.83	47.66	44.49	41.32	38.15	34.98
3102	83.61	80.63	77.52	74.37	71.21	68.05	64.88	61.71	58.54	55.37	52.20	49.03	45.86	42.69
4002	78.75	75.77	72.66	69.51	66.35	63.19	60.02	56.85	53.68	50.51	47.34	44.17	41.00	37.83
5002	79.22	76.24	73.13	70.00	66.84	63.68	60.51	57.34	54.17	51.00	47.83	44.66	41.49	38.32
AS01	72.84	69.86	66.75	63.60	60.44	57.28	54.11	50.94	47.77	44.60	41.43	38.26	35.09	31.92
8002	76.27	73.29	70.18	67.03	63.87	60.71	57.54	54.37	51.20	48.03	44.86	41.69	38.52	35.35
10002	77.26	74.28	71.17	68.02	64.86	61.70	58.53	55.36	52.19	49.02	45.85	42.68	39.51	36.34

MEASURED GASPL
CALCULATE GASPL
PND9

AMBIENT TEMP. 34.02
WET-BULB TEMP. 20.49
BAR. PRESS. 24.99
ABS. HUMIDITY 2.322

FAN FAN/COMPRESSOR - PHASE 5P + 5C W/D 1/32/72 R/C 2/3/72-3

RU011 RCG=09 SPEED=5227

PAGE 1 148.7

DATE: 2/24/77

PARTIAL DISTANCE 252

PAGE: 2

STONE PRESSURE LEVELS DIRECTIVITY 1-EX

FREQ.	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
20	1.483	1.424	1.364	1.304	1.244	1.184	1.124	1.064	1.004	0.944
60	1.43	1.40	1.374	1.348	1.322	1.296	1.27	1.244	1.218	1.192
80	1.378	1.341	1.304	1.267	1.23	1.193	1.156	1.119	1.082	1.045
100	1.341	1.304	1.267	1.23	1.193	1.156	1.119	1.082	1.045	1.008
120	1.304	1.267	1.23	1.193	1.156	1.119	1.082	1.045	1.008	0.971
140	1.267	1.23	1.193	1.156	1.119	1.082	1.045	1.008	0.971	0.934
160	1.23	1.193	1.156	1.119	1.082	1.045	1.008	0.971	0.934	0.897
180	1.193	1.156	1.119	1.082	1.045	1.008	0.971	0.934	0.897	0.86
200	1.156	1.119	1.082	1.045	1.008	0.971	0.934	0.897	0.86	0.823
220	1.119	1.082	1.045	1.008	0.971	0.934	0.897	0.86	0.823	0.786
240	1.082	1.045	1.008	0.971	0.934	0.897	0.86	0.823	0.786	0.749
260	1.045	1.008	0.971	0.934	0.897	0.86	0.823	0.786	0.749	0.712
280	1.008	0.971	0.934	0.897	0.86	0.823	0.786	0.749	0.712	0.675
300	0.971	0.934	0.897	0.86	0.823	0.786	0.749	0.712	0.675	0.638
320	0.934	0.897	0.86	0.823	0.786	0.749	0.712	0.675	0.638	0.601
340	0.897	0.86	0.823	0.786	0.749	0.712	0.675	0.638	0.601	0.564
360	0.86	0.823	0.786	0.749	0.712	0.675	0.638	0.601	0.564	0.527
380	0.823	0.786	0.749	0.712	0.675	0.638	0.601	0.564	0.527	0.49
400	0.786	0.749	0.712	0.675	0.638	0.601	0.564	0.527	0.49	0.453
420	0.749	0.712	0.675	0.638	0.601	0.564	0.527	0.49	0.453	0.416
440	0.712	0.675	0.638	0.601	0.564	0.527	0.49	0.453	0.416	0.379
460	0.675	0.638	0.601	0.564	0.527	0.49	0.453	0.416	0.379	0.342
480	0.638	0.601	0.564	0.527	0.49	0.453	0.416	0.379	0.342	0.305
500	0.601	0.564	0.527	0.49	0.453	0.416	0.379	0.342	0.305	0.268
520	0.564	0.527	0.49	0.453	0.416	0.379	0.342	0.305	0.268	0.231
540	0.527	0.49	0.453	0.416	0.379	0.342	0.305	0.268	0.231	0.194
560	0.49	0.453	0.416	0.379	0.342	0.305	0.268	0.231	0.194	0.157
580	0.453	0.416	0.379	0.342	0.305	0.268	0.231	0.194	0.157	0.12
600	0.416	0.379	0.342	0.305	0.268	0.231	0.194	0.157	0.12	0.083
620	0.379	0.342	0.305	0.268	0.231	0.194	0.157	0.12	0.083	0.046
640	0.342	0.305	0.268	0.231	0.194	0.157	0.12	0.083	0.046	0.009
660	0.305	0.268	0.231	0.194	0.157	0.12	0.083	0.046	0.009	-0.028
680	0.268	0.231	0.194	0.157	0.12	0.083	0.046	0.009	-0.028	-0.065
700	0.231	0.194	0.157	0.12	0.083	0.046	0.009	-0.028	-0.065	-0.102
720	0.194	0.157	0.12	0.083	0.046	0.009	-0.028	-0.065	-0.102	-0.139
740	0.157	0.12	0.083	0.046	0.009	-0.028	-0.065	-0.102	-0.139	-0.176
760	0.12	0.083	0.046	0.009	-0.028	-0.065	-0.102	-0.139	-0.176	-0.213
780	0.083	0.046	0.009	-0.028	-0.065	-0.102	-0.139	-0.176	-0.213	-0.25
800	0.046	0.009	-0.028	-0.065	-0.102	-0.139	-0.176	-0.213	-0.25	-0.287
820	0.009	-0.028	-0.065	-0.102	-0.139	-0.176	-0.213	-0.25	-0.287	-0.324
840	-0.028	-0.065	-0.102	-0.139	-0.176	-0.213	-0.25	-0.287	-0.324	-0.361
860	-0.065	-0.102	-0.139	-0.176	-0.213	-0.25	-0.287	-0.324	-0.361	-0.398
880	-0.102	-0.139	-0.176	-0.213	-0.25	-0.287	-0.324	-0.361	-0.398	-0.435
900	-0.139	-0.176	-0.213	-0.25	-0.287	-0.324	-0.361	-0.398	-0.435	-0.472
920	-0.176	-0.213	-0.25	-0.287	-0.324	-0.361	-0.398	-0.435	-0.472	-0.509
940	-0.213	-0.25	-0.287	-0.324	-0.361	-0.398	-0.435	-0.472	-0.509	-0.546
960	-0.25	-0.287	-0.324	-0.361	-0.398	-0.435	-0.472	-0.509	-0.546	-0.583
980	-0.287	-0.324	-0.361	-0.398	-0.435	-0.472	-0.509	-0.546	-0.583	-0.62
1000	-0.324	-0.361	-0.398	-0.435	-0.472	-0.509	-0.546	-0.583	-0.62	-0.657

C19

AMBIENT TEMP 32.82
WET-BULB TEMP 26.49
BAR. PRESSURE 28.92
AIR W. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/72 R/D 2/3/72-3

RUVELL RDG#89 SPEED#5022

DATE: 2/24/72

PAGE: 1

RADIAL DISTANCE 256

SOURCE P.S. LEVELS REDUCED AT SEA DART DAY

	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	(P.M.)
PRES.	75.94	75.23	72.28	72.52	68.95	71.51	72.93	72.28	71.57	73.47	72.22	73.29	72.51	73.4					
20	74.88	74.16	71.61	71.51	68.53	72.54	72.79	71.92	71.24	71.62	71.26	73.25	76.96	132.1					
65	73.53	72.95	68.28	75.29	67.79	68.14	68.98	72.55	72.27	71.39	71.84	72.24	73.69	128.7					
82	72.63	72.46	68.79	72.23	67.73	68.82	68.71	71.35	72.14	71.39	72.46	72.69	75.5	128.8					
180	72.14	72.62	67.74	67.36	68.4	68.83	68.71	71.16	72.16	71.21	71.35	71.97	74.51	128.3					
123	72.33	72.12	66.95	66.35	66.99	68.25	68.35	69.45	72.41	71.17	71.39	71.37	73.21	127.7					
162	69.97	68.79	67.52	66.66	68.39	68.25	68.35	69.45	72.41	71.17	71.39	71.37	73.21	127.3					
282	66.99	66.17	62.65	63.37	63.36	64.66	65.09	67.29	67.23	67.39	69.17	72.74	78.58	125.3					
315	67.44	65.93	63.13	62.66	63.18	62.49	64.91	64.24	65.73	63.52	63.82	64.36	67.69	123.1					
482	67.36	67.23	66.48	64.49	62.39	63.14	61.92	61.16	62.31	63.43	62.98	63.48	66.16	122.4					
582	69.29	72.25	68.95	68.23	67.69	67.81	68.24	65.72	66.56	67.29	68.56	64.92	68.32	122.8					
632	71.26	73.16	72.97	71.85	71.33	71.17	72.79	72.63	72.23	71.28	73.22	72.36	75.35	129.9					
882	70.91	72.78	72.99	72.97	71.73	70.22	73.83	72.82	74.87	74.54	75.87	71.64	69.99	131.5					
1002	73.56	76.78	75.16	74.89	71.89	71.36	71.72	72.82	74.82	76.24	75.76	74.56	71.54	132.9					
1252	74.34	76.68	77.81	77.26	75.32	75.88	74.51	72.81	74.65	76.44	75.84	73.19	72.42	134.8					
1682	75.86	79.75	77.29	77.52	75.75	76.76	75.83	76.82	77.23	79.26	78.09	73.86	72.53	136.3					
2002	74.29	78.81	78.22	75.48	73.81	74.48	73.48	73.82	73.47	78.44	77.49	73.42	73.41	135.7					
3002	74.75	76.25	76.85	76.64	76.72	73.58	77.40	82.38	79.69	75.99	75.52	72.92	72.26	146.7					
3152	82.83	82.25	78.19	84.11	83.81	82.84	82.68	82.82	88.69	85.84	84.85	82.27	76.61	144.6					
4002	88.50	81.46	77.25	81.74	83.77	79.88	82.29	82.13	85.14	84.63	83.54	79.64	74.28	142.7					
5002	74.19	78.82	77.29	75.59	74.26	78.33	77.25	81.38	82.132	82.42	82.69	72.68	74.16	139.5					
6002	78.38	77.69	79.56	82.83	78.56	76.59	81.44	81.55	82.68	83.51	80.89	78.28	75.49	142.4					
8282	77.52	78.82	76.22	77.32	75.92	78.89	78.25	82.24	79.68	82.21	81.17	76.19	73.29	142.6					
10002	76.89	77.76	76.75	77.12	75.56	75.41	76.94	79.42	77.67	79.18	78.42	75.18	73.99	143.2					
MEASURED OASPL	90.58	91.82	88.63	92.17	88.74	88.41	89.76	92.94	92.29	92.86	91.18	88.41	88.41						
CALCULATED OASPL	89.37	90.87	88.63	89.91	88.92	88.24	88.18	91.36	92.74	92.56	91.34	88.52	87.22						
PWS	124.1	124.7	122.7	124.8	123.1	122.8	123.1	126.3	125.1	126.9	126.2	123.3	99.37						

AMBIENT TEMP. 32.02
WET-BULB TEMP. 26.45
BAR. PRESSURE 20.99
ABS. HUMIDITY 2.112

FAA FAN/COMPRESSOR - PHASE 20 & 50 T/D 1/38/77 R/D 2/3/72-3

RUN#11 RUC#92 SPEED#5582

OAP#1 131.4

DATE: 2/24/72

RACIAL DISTANCE 292

PAGE: 2

SCAL PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0.2	10.0	22.5	30.0	40.0	50.0	60.0	72.0	80.0	90.0	100.0	120.0
32	3.345	2.418	1.313	0.274	-2.055	-1.288	-1.044	-1.152	-1.421	-1.473	-1.569	-1.693
63	2.671	1.981	1.453	-0.722	-3.068	-1.607	-1.5747	-1.55	-1.937	-1.306	-1.952	-1.427
80	2.758	2.181	1.459	0.158	-2.97	-1.83	-1.78	-2.25	-1.572	-1.621	-1.863	-1.482
100	1.917	1.743	-1.92	-0.83	-2.99	-1.69	-2.82	-1.69	-1.568	-1.752	-1.979	-1.789
120	1.861	2.443	-2.44	-0.718	-2.44	-1.32	-1.47	-1.17	-1.259	-1.214	-1.173	-1.291
160	1.925	1.7196	-2.55	-1.35	-2.41	-1.15	-1.25	-1.25	-1.329	-1.764	-1.997	-1.973
200	1.355	-0.826	-2.13	-2.97	-1.23	-1.38	-1.13	-0.819	-1.846	-2.477	-2.128	-2.834
250	1.335	-0.385	-3.91	-3.19	-3.29	-1.89	-1.942	-1.789	-1.715	-1.836	-2.617	-4.102
315	2.872	2.367	5.833	-1.92	-1.29	-2.87	-3.427	-3.34	-1.161	-1.24	-1.248	-2.235
400	3.666	3.316	2.764	1.741	-1.32	-1.374	-1.79	-2.55	-1.42	-1.284	-1.731	-2.28
500	2.122	2.887	1.483	1.568	3.326	1.691	-1.12	-1.36	-1.245	-1.332	-1.392	-2.52
630	2.785	2.179	-2.29	0.754	3.565	1.082	-1.79	-3.37	1.255	1.093	2.239	-0.619
800	-1.58	1.347	-1.41	-0.438	-0.673	-2.18	-0.228	-0.482	-2.262	-2.128	-2.466	-2.439
1000	-0.109	3.116	1.492	1.492	-1.77	-2.38	-1.94	-0.85	-1.335	-2.525	-2.594	-1.893
1200	1.815	4.315	1.857	1.511	-0.732	-2.34	-1.844	-2.34	-1.897	-1.239	-1.384	-2.28
1600	0.779	3.116	0.561	0.887	-0.887	1.271	-0.881	-0.611	-1.515	-2.627	-1.453	-2.77
2000	-0.498	3.234	2.448	-0.293	-1.96	1.7513	-2.37	-2.228	-3.021	-2.269	-1.712	-2.35
2500	-1.77	-1.277	3.291	-0.88	1.968	-2.94	0.994	3.059	3.163	-1.631	-1.83	-3.61
3150	-1.19	-1.74	-5.83	1.127	-2.13	-3.188	1.581	1.782	1.379	1.832	1.8277	-1.74
4000	-1.25	-1.69	-4.38	1.955	-0.57	-1.75	0.983	0.922	3.527	3.021	1.919	-1.79
5000	-4.20	-0.289	-0.589	-2.79	-4.12	-0.37	-1.14	-2.972	2.134	4.226	2.326	-5.78
6300	-1.57	-2.86	1.393	0.744	-1.39	-3.36	1.492	1.684	2.729	3.505	1.488	-1.87
8000	-1.23	1.534	-2.35	-1.28	-2.05	-2.18	-3.22	1.689	1.127	4.687	2.596	-2.57
10000	-0.788	0.846	-1.127	2.395	-1.32	-1.47	0.823	2.539	1.923	2.297	1.523	-1.89

C21

AMBIENT TEMP. 32.82
 WET-BULB TEMP. 26.49
 BAR. PRESSURE 28.32
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/72 R/D 2/3/72-3

RUN#11 RDO#90 SPEED#9902

DATE: 2/20/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET										137.7 (PWL)
	3.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	
52	72.23	73.27	74.28	75.31	76.34	77.37	78.39	79.41	80.42	81.43	133.1
63	67.22	71.79	75.57	79.53	83.62	87.81	92.08	96.41	100.78	105.18	132.4
82	65.87	70.84	75.89	81.00	86.15	91.34	96.59	101.88	107.20	112.54	131.1
100	66.21	71.56	76.97	82.41	87.88	93.37	98.87	104.37	109.87	115.37	132.1
125	68.92	74.52	80.17	85.84	91.52	97.20	102.87	108.53	114.18	119.83	129.7
162	63.78	68.59	73.45	78.26	83.01	87.70	92.33	96.90	101.41	105.86	126.8
202	63.64	67.42	71.15	74.82	78.43	81.98	85.56	89.07	92.51	95.88	124.7
252	63.62	66.34	68.91	71.43	73.89	76.30	78.66	80.97	83.22	85.42	123.8
315	65.58	68.27	70.82	73.33	75.79	78.20	80.56	82.87	85.13	87.34	125.6
402	67.11	69.78	72.33	74.84	77.30	79.71	82.07	84.38	86.64	88.85	130.2
502	68.29	70.94	73.48	75.99	78.45	80.86	83.22	85.53	87.79	89.99	132.2
632	72.52	74.21	75.77	77.24	78.61	79.88	81.07	82.18	83.21	84.16	133.4
802	72.81	74.51	76.07	77.54	78.91	80.18	81.37	82.48	83.51	84.46	135.1
1002	73.29	74.99	76.55	78.02	79.39	80.66	81.85	82.96	83.99	84.94	136.7
1252	74.08	75.78	77.34	78.81	80.18	81.45	82.64	83.75	84.78	85.73	138.8
1502	74.39	76.09	77.65	79.12	80.49	81.76	82.95	84.06	85.09	86.04	137.2
2002	76.28	77.98	79.54	81.01	82.38	83.65	84.84	85.95	86.98	87.93	146.5
2502	81.13	79.33	76.15	72.58	68.62	64.28	60.55	57.42	54.88	52.93	142.8
3152	84.66	82.18	79.29	75.96	72.21	68.04	63.45	59.42	55.93	52.98	141.9
4002	78.24	78.23	78.71	79.34	80.01	80.61	81.13	81.58	81.97	82.32	144.4
5002	79.88	77.17	73.77	70.08	66.11	61.77	57.02	51.83	46.18	40.12	143.6
6302	81.88	78.82	75.66	72.35	68.78	64.94	60.72	56.12	51.12	45.72	143.6
8002	78.59	78.94	77.67	75.92	73.62	70.79	67.43	63.52	59.07	54.18	143.6
10002	98.41	91.88	89.89	84.75	80.23	75.33	70.02	64.28	58.12	51.54	143.6
MEASURED OASPL	98.18	98.92	99.64	99.54	99.21	98.41	97.02	95.12	92.71	89.84	143.6
CALCULATED OASPL	105.2	125.9	123.4	125.7	124.4	123.5	122.5	121.5	120.5	119.5	143.6

AMBIENT TEMP. 32.00
WET-BULB TEMP. 26.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 2B + 3C 1/D. 1/32/77 R/L 2/3/73-3

RUN#11 RCO#91 SPEED#5752

PARTIAL DISTANCE 252

DATE: 2/24/72

SOURCE PRESSURE LEVELS REDUCED AT STANDARD PA

FREQ.	2.0	18.0	28.0	32.0	48.0	58.0	62.0	72.0	82.0	92.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0
20	71.22	71.19	72.28	73.18	72.43	74.11	74.11	74.11	74.11	74.11	74.11	74.11	74.11	74.11	74.11	74.11	74.11
25	69.31	72.37	74.54	72.39	71.57	73.89	72.44	71.77	74.13	73.83	73.10	74.12	73.76	74.12	73.76	74.12	73.76
30	68.24	71.27	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12	78.12
35	68.95	71.12	78.28	71.11	78.82	72.52	78.71	72.72	74.32	75.51	76.57	76.45	77.22	76.45	77.22	76.45	77.22
40	68.58	72.87	78.68	72.23	78.77	71.48	72.29	71.54	72.24	73.18	73.18	73.18	73.18	73.18	73.18	73.18	73.18
45	67.14	68.67	67.45	66.68	68.52	72.98	69.91	72.99	72.21	72.61	73.44	73.44	73.44	73.44	73.44	73.44	73.44
50	66.25	68.55	75.32	67.48	71.52	71.95	72.89	72.17	72.41	72.26	73.17	73.17	73.17	73.17	73.17	73.17	73.17
55	64.66	64.21	63.40	62.97	63.41	67.26	66.68	68.38	68.96	68.66	72.89	71.92	71.65	72.89	71.92	71.65	72.89
60	64.22	63.21	62.88	63.27	63.48	65.36	65.95	65.82	67.31	65.81	67.11	62.91	68.92	67.11	62.91	68.92	67.11
65	67.66	66.86	69.48	68.87	64.46	66.37	64.48	63.76	64.97	65.47	66.62	65.92	68.29	66.62	65.92	68.29	66.62
70	65.45	73.75	71.12	75.43	63.23	63.81	68.29	67.88	68.28	69.41	72.67	67.12	68.54	72.67	67.12	68.54	72.67
75	72.97	71.53	73.82	75.73	72.39	75.54	72.85	72.81	73.81	73.13	75.79	72.88	68.43	75.79	72.88	68.43	75.79
80	73.88	73.83	71.88	73.38	72.18	72.54	74.88	73.55	78.58	73.37	74.34	72.88	73.58	74.34	72.88	73.58	74.34
85	74.36	76.33	76.72	74.28	71.98	73.24	73.72	74.49	75.49	76.66	76.76	75.17	76.18	76.66	76.76	75.17	76.18
90	78.39	81.44	72.48	78.15	78.08	78.27	75.66	75.24	76.39	77.55	77.85	74.82	75.87	77.55	77.85	74.82	75.87
95	79.18	88.68	71.94	78.82	76.95	79.31	76.45	76.95	78.00	80.51	80.27	74.21	74.93	80.27	74.21	74.93	80.27
100	77.48	81.85	88.97	78.85	73.14	78.85	75.11	77.27	78.82	79.88	78.37	73.28	74.84	79.88	78.37	73.28	74.84
105	77.38	78.16	79.43	76.44	77.68	75.72	78.84	81.21	83.22	81.86	81.25	82.24	78.78	81.25	82.24	78.78	81.25
110	81.43	78.87	72.41	82.48	88.34	72.82	81.21	83.22	81.86	81.25	82.24	78.78	74.78	81.25	82.24	78.78	81.25
115	85.82	87.13	83.88	86.67	85.22	85.54	86.52	85.04	98.17	89.38	88.83	82.29	78.77	89.38	88.83	82.29	78.77
120	77.18	79.58	79.23	78.18	78.56	78.31	79.82	82.47	83.81	82.79	81.36	72.87	73.84	82.79	81.36	72.87	73.84
125	78.38	77.77	81.28	79.84	79.77	78.19	81.58	83.83	83.79	81.46	79.11	74.12	75.58	83.79	81.46	79.11	74.12
130	88.28	71.23	78.22	78.36	76.52	78.94	78.23	81.48	88.87	83.38	85.88	75.82	73.42	83.38	85.88	75.82	73.42
135	78.47	78.55	77.48	76.65	76.81	76.68	76.46	78.33	78.86	82.08	79.62	75.42	74.56	82.08	79.62	75.42	74.56
140	91.31	92.82	91.27	91.13	89.98	91.52	98.93	91.78	93.67	93.28	93.34	89.12	88.89	93.28	93.34	89.12	88.89
145	92.91	91.88	91.83	92.89	89.99	98.47	91.88	92.11	93.97	93.88	93.38	88.58	88.13	93.88	93.38	88.58	88.13
150	186.1	187.2	185.5	186.4	185.4	185.9	185.5	186.8	189.5	188.9	189.9	185.7	185.2	188.9	189.9	185.7	185.2

MEASURED CASPL
CALCULATED CASPL
PNOB

CAP: 1.1 152.8

AMBIENT TEMP. 33.82
METEOROLOG. TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.432

FAA. CAN/COMPRESSOR - PHASE 28.8 20. 1/3 1232/22. R/D 2/23/72-3

RUNTIME 308.82 SPEED=4800

DATE: 2/4/72

PAGE: 2

RAJAL DISTANCE 252

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

		ANGLES FROM INLET																	
		2.2	18.2	36.2	48.2	58.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
FREQ:																			
52		-1.21	-2.71	-4.44	-6.44	-8.51	-1.07	-3.22	-5.37	-7.52	-9.67	-11.82	-13.97	-16.12	-18.27	-20.42	-22.57	-24.72	-26.87
63		-3.42	-3.92	-1.51	-6.26	-1.15	-3.74	-1.29	-3.88	-1.43	-4.02	-1.57	-4.16	-1.71	-4.30	-1.85	-4.44	-2.00	-4.59
82		-2.22	-2.83	-1.36	-6.13	-1.37	-3.82	-2.43	-4.87	-2.43	-4.87	-2.43	-4.87	-2.43	-4.87	-2.43	-4.87	-2.43	-4.87
100		-4.19	-2.82	-2.87	-2.83	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32	-2.32
129		-1.68	-2.87	-2.18	-1.56	-1.88	-2.23	-1.56	-1.88	-2.23	-1.56	-1.88	-2.23	-1.56	-1.88	-2.23	-1.56	-1.88	-2.23
162		-3.51	-1.98	-3.19	-1.97	-2.12	-3.19	-2.12	-3.19	-2.12	-3.19	-2.12	-3.19	-2.12	-3.19	-2.12	-3.19	-2.12	-3.19
200		-2.78	-2.88	-2.12	-3.58	-4.03	-3.13	-4.03	-3.13	-4.03	-3.13	-4.03	-3.13	-4.03	-3.13	-4.03	-3.13	-4.03	-3.13
232		-8.99	-3.19	-4.16	-4.09	-3.66	-4.82	-3.66	-4.82	-3.66	-4.82	-3.66	-4.82	-3.66	-4.82	-3.66	-4.82	-3.66	-4.82
312		-5.88	-3.81	-1.25	-2.58	-2.82	-2.61	-3.04	-2.76	-3.19	-2.76	-3.19	-2.76	-3.19	-2.76	-3.19	-2.76	-3.19	-2.76
402		1.76	9.76	3.92	1.98	1.43	1.06	-1.39	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93
502		-2.84	1.32	1.87	1.21	1.79	1.94	-1.12	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
632		-8.88	1.82	1.43	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
802		-2.28	1.88	2.18	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
1000		-2.78	1.78	2.89	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
1200		1.48	1.43	2.51	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
1600		9.47	2.51	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
2000		-2.24	3.37	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
2500		-0.49	2.18	1.48	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
3152		-8.51	1.44	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
4000		-0.22	0.87	2.04	2.14	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22
5000		-2.27	1.48	3.02	3.33	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87
6000		-1.68	-2.44	1.97	1.17	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
8000		-1.33	0.38	-1.38	1.78	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68
10000		-5.97	1.47	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23

C25

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/35/70 R/D 2/3/70-3

RUN#11 400=92 SPEED=0000

RADIAL DISTANCE 250

DATE: 2/24/72

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.2	10.2	20.2	30.2	40.2	50.2	60.2	70.2	80.2	90.2
50	72.15	73.12	72.57	73.34	72.47	72.34	71.28	72.22	75.57	74.97
63	69.01	71.04	74.05	72.42	72.66	71.46	73.04	71.10	75.36	75.99
80	64.52	70.54	70.22	71.35	70.87	70.84	69.08	70.82	74.17	75.01
100	70.93	71.70	70.00	72.45	72.01	72.25	72.05	72.35	70.82	70.83
122	69.04	72.02	69.16	71.11	70.07	70.43	71.18	72.00	74.13	75.77
168	60.43	69.66	68.01	69.34	69.03	70.42	70.43	71.39	73.36	74.05
200	67.72	67.35	68.34	67.54	66.44	66.44	67.33	68.79	70.87	71.06
250	64.05	65.87	65.82	61.76	62.98	64.35	65.81	66.73	69.53	68.79
315	60.14	67.66	66.83	66.93	66.56	64.77	64.59	64.44	67.93	65.45
400	71.52	71.15	71.15	71.38	70.81	70.00	68.71	70.12	70.45	71.02
500	74.44	75.46	74.69	74.98	73.44	74.51	73.93	73.93	74.99	73.52
632	74.43	72.72	74.31	74.18	74.19	74.17	73.88	73.88	74.88	73.88
800	76.15	77.06	76.99	76.78	75.87	73.76	74.49	75.53	75.57	77.45
1000	86.48	80.27	85.34	78.24	77.82	75.42	75.78	74.14	77.28	77.28
1250	79.24	82.17	80.49	79.78	78.83	78.66	77.46	77.38	70.23	69.55
1500	79.14	82.18	81.49	79.56	78.42	78.23	78.24	78.59	73.54	73.54
2000	77.99	79.26	80.53	79.39	79.31	77.82	82.08	83.44	81.34	77.44
2500	81.75	78.97	77.35	82.34	81.27	79.24	82.43	80.65	83.44	82.91
3150	85.48	86.78	84.22	80.28	87.09	80.52	89.44	85.90	87.28	86.91
4000	77.43	80.29	84.53	77.99	76.78	85.43	78.88	83.32	81.31	82.35
5000	79.44	79.17	82.07	83.46	81.22	79.58	81.76	80.93	81.69	82.34
6300	80.37	82.12	78.23	78.47	77.54	85.28	78.48	82.84	81.37	84.28
8000	76.27	76.91	76.36	76.49	76.40	77.19	77.48	79.56	79.45	82.86
10000	92.10	93.33	91.72	92.60	91.11	92.52	92.32	92.26	93.38	93.35
MEASURED OAPL	91.32	92.32	91.48	92.48	91.20	92.59	92.58	92.04	93.41	93.16
CALCULATED OAPL	106.3	107.3	106.0	107.9	106.0	106.3	106.3	106.3	106.3	106.6
PAGE: 1	106.3	107.3	106.0	107.9	106.0	106.3	106.3	106.3	106.3	106.6

AMBIENT TEMP. 33.00
WET-BULB TEMP. 27.40
BAR. PRESSURE 26.99
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 20 & 50. I/P 1/20/70 R/2 2/23/70-3

RUN:11 R08093 SPEED:4800

DATE: 2/24/72

PAGE: 2

RADIAL DISTANCE 258

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	ANGLES FROM INLET											
	2.8	18.8	22.8	38.8	42.8	58.8	68.8	74.8	88.8	98.8	108.8	118.8
50	-3.37	-2.39	-2.95	-2.15	-3.84	-3.17	-4.22	-3.31	-3.34	-3.45	-3.94	-3.79
63	-4.92	-2.89	-3.43	-2.32	-2.68	-3.27	-3.65	-3.56	-3.65	-3.94	-4.16	-3.74
80	-6.19	-2.49	-3.49	-2.38	-2.84	-2.77	-3.73	-3.28	-3.43	-3.19	-3.66	-3.94
100	-4.72	-3.34	-3.86	-2.35	-2.73	-2.49	-2.69	-2.39	-2.98	-2.20	-2.79	-2.13
125	-3.85	-1.73	-4.29	-2.44	-2.89	-3.12	-2.42	-1.79	-3.68	-2.84	-2.33	-3.93
160	-3.93	-2.71	-4.27	-3.84	-2.95	-1.93	-1.94	-1.92	-3.49	-2.43	-2.78	-3.52
200	-2.27	-2.41	-3.45	-3.72	-2.48	-1.38	-3.25	-1.43	-3.33	-2.49	-2.49	-3.82
250	-2.88	-2.82	-3.68	-4.98	-2.39	-1.39	-1.69	-1.69	-3.33	-2.18	-3.37	-4.98
315	-3.65	-2.87	-3.24	-2.22	-2.44	-2.32	-2.41	-2.42	-3.67	-2.24	-3.37	-4.20
400	-2.80	-1.88	-1.77	-1.88	-1.69	-1.47	-1.45	-1.41	-1.87	-1.81	-3.44	-3.89
500	-1.88	-1.38	-1.28	-1.43	-1.61	-1.47	-1.28	-1.12	-1.84	-1.23	-1.93	-1.47
630	-1.71	-1.96	-1.28	-1.28	-1.44	-1.37	-1.61	-1.21	-1.32	-1.73	-1.99	-1.79
800	-1.87	-1.81	-1.94	-1.28	-1.71	-1.28	-1.28	-1.28	-1.73	-1.81	-1.77	-1.81
1000	-1.99	-1.93	-1.39	-1.43	-1.67	-1.17	-1.43	-1.39	-1.35	-2.20	-1.71	-1.59
1250	-2.24	-2.24	-1.83	-1.21	-1.46	-1.17	-1.41	-1.34	-1.39	-2.74	-1.87	-1.72
1600	-3.19	-3.13	-1.93	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
2000	-3.49	-3.49	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
2500	-3.97	-3.97	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
3150	-4.22	-4.22	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
4000	-4.35	-4.35	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
5000	-4.31	-4.31	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
6300	-4.21	-4.21	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
8000	-4.21	-4.21	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
10000	-4.10	-4.10	-1.94	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28

C27

AMBIENT TEMP. 33.80
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.89
ABS. HUMIDITY 2.476

FAA FAN/COMPRESSOR - PHASE 58 @ 5C T/D 1/38/78 R/D 2/3/78-3

RUN=11 RDB=03 SPEED=6260

DATE: 21/9/77

SATIAL INTAKE 256

PAGE: 1

5. PRESSURE LEVELS REDUCED AT STATION

FREQ	71.25	72.50	73.75	75.00	76.25	77.50	78.75	80.00	81.25	82.50	83.75	85.00	86.25	87.50	88.75	90.00	91.25	92.50	93.75	95.00	96.25	97.50	98.75	100.00
52	71.25	72.50	73.75	75.00	76.25	77.50	78.75	80.00	81.25	82.50	83.75	85.00	86.25	87.50	88.75	90.00	91.25	92.50	93.75	95.00	96.25	97.50	98.75	100.00
53	69.57	71.18	72.79	74.39	75.99	77.59	79.19	80.79	82.39	83.99	85.59	87.19	88.79	90.39	91.99	93.59	95.19	96.79	98.39	99.99	101.59	103.19	104.79	106.39
54	52.14	53.75	55.36	56.96	58.57	60.17	61.77	63.37	64.97	66.57	68.17	69.77	71.37	72.97	74.57	76.17	77.77	79.37	80.97	82.57	84.17	85.77	87.37	88.97
55	69.29	71.15	72.99	74.83	76.67	78.51	80.35	82.19	84.03	85.87	87.71	89.55	91.39	93.23	95.07	96.91	98.75	100.59	102.43	104.27	106.11	107.95	109.79	111.63
56	68.58	70.21	71.84	73.47	75.10	76.73	78.36	80.00	81.63	83.26	84.89	86.52	88.15	89.78	91.41	93.04	94.67	96.30	97.93	99.56	101.19	102.82	104.45	106.08
57	60.96	62.37	63.78	65.19	66.60	68.01	69.42	70.83	72.24	73.65	75.06	76.47	77.88	79.29	80.70	82.11	83.52	84.93	86.34	87.75	89.16	90.57	91.98	93.39
58	47.44	48.61	49.78	50.95	52.12	53.29	54.46	55.63	56.80	57.97	59.14	60.31	61.48	62.65	63.82	64.99	66.16	67.33	68.50	69.67	70.84	72.01	73.18	74.35
59	64.34	65.84	67.34	68.84	70.34	71.84	73.34	74.84	76.34	77.84	79.34	80.84	82.34	83.84	85.34	86.84	88.34	89.84	91.34	92.84	94.34	95.84	97.34	98.84
60	65.85	67.35	68.85	70.35	71.85	73.35	74.85	76.35	77.85	79.35	80.85	82.35	83.85	85.35	86.85	88.35	89.85	91.35	92.85	94.35	95.85	97.35	98.85	100.35
61	47.28	48.39	49.50	50.61	51.72	52.83	53.94	55.05	56.16	57.27	58.38	59.49	60.60	61.71	62.82	63.93	65.04	66.15	67.26	68.37	69.48	70.59	71.70	72.81
62	72.94	74.42	75.90	77.38	78.86	80.34	81.82	83.30	84.78	86.26	87.74	89.22	90.70	92.18	93.66	95.14	96.62	98.10	99.58	101.06	102.54	104.02	105.50	106.98
63	74.52	75.93	77.34	78.75	80.16	81.57	82.98	84.39	85.80	87.21	88.62	90.03	91.44	92.85	94.26	95.67	97.08	98.49	99.90	101.31	102.72	104.13	105.54	106.95
64	75.51	76.92	78.33	79.74	81.15	82.56	83.97	85.38	86.79	88.20	89.61	91.02	92.43	93.84	95.25	96.66	98.07	99.48	100.89	102.30	103.71	105.12	106.53	107.94
65	74.67	75.95	77.23	78.51	79.79	81.07	82.35	83.63	84.91	86.19	87.47	88.75	90.03	91.31	92.59	93.87	95.15	96.43	97.71	98.99	100.27	101.55	102.83	104.11
66	78.21	82.32	86.43	90.54	94.65	98.76	102.87	106.98	111.09	115.20	119.31	123.42	127.53	131.64	135.75	139.86	143.97	148.08	152.19	156.30	160.41	164.52	168.63	172.74
67	79.29	81.83	84.37	86.91	89.45	91.99	94.53	97.07	99.61	102.15	104.69	107.23	109.77	112.31	114.85	117.39	119.93	122.47	125.01	127.55	130.09	132.63	135.17	137.71
68	76.57	82.18	87.79	93.40	99.01	104.62	110.23	115.84	121.45	127.06	132.67	138.28	143.89	149.50	155.11	160.72	166.33	171.94	177.55	183.16	188.77	194.38	199.99	205.60
69	77.29	78.51	79.73	80.95	82.17	83.39	84.61	85.83	87.05	88.27	89.49	90.71	91.93	93.15	94.37	95.59	96.81	98.03	99.25	100.47	101.69	102.91	104.13	105.35
70	82.82	87.77	92.72	97.67	102.62	107.57	112.52	117.47	122.42	127.37	132.32	137.27	142.22	147.17	152.12	157.07	162.02	166.97	171.92	176.87	181.82	186.77	191.72	196.67
71	83.97	85.93	87.89	89.85	91.81	93.77	95.73	97.69	99.65	101.61	103.57	105.53	107.49	109.45	111.41	113.37	115.33	117.29	119.25	121.21	123.17	125.13	127.09	129.05
72	77.22	82.49	87.76	93.03	98.30	103.57	108.84	114.11	119.38	124.65	129.92	135.19	140.46	145.73	151.00	156.27	161.54	166.81	172.08	177.35	182.62	187.89	193.16	198.43
73	78.27	78.66	79.05	79.44	79.83	80.22	80.61	81.00	81.39	81.78	82.17	82.56	82.95	83.34	83.73	84.12	84.51	84.90	85.29	85.68	86.07	86.46	86.85	87.24
74	79.63	81.22	82.81	84.40	85.99	87.58	89.17	90.76	92.35	93.94	95.53	97.12	98.71	100.30	101.89	103.48	105.07	106.66	108.25	109.84	111.43	113.02	114.61	116.20
75	77.50	78.78	79.17	79.56	79.95	80.34	80.73	81.12	81.51	81.90	82.29	82.68	83.07	83.46	83.85	84.24	84.63	85.02	85.41	85.80	86.19	86.58	86.97	87.36
76	91.28	92.67	94.06	95.45	96.84	98.23	99.62	101.01	102.40	103.79	105.18	106.57	107.96	109.35	110.74	112.13	113.52	114.91	116.30	117.69	119.08	120.47	121.86	123.25
77	92.24	93.83	95.42	97.01	98.60	100.19	101.78	103.37	104.96	106.55	108.14	109.73	111.32	112.91	114.50	116.09	117.68	119.27	120.86	122.45	124.04	125.63	127.22	128.81
78	125.1	126.7	128.3	129.9	131.5	133.1	134.7	136.3	137.9	139.5	141.1	142.7	144.3	145.9	147.5	149.1	150.7	152.3	153.9	155.5	157.1	158.7	160.3	161.9

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Q28

MEASURED CASPL
CALCULATED CASPL
P.08

ANGLE TEMP. 33.22
REF. TEMP. 27.40
BAR. PRESS. 28.95
ABS. PRESS. 2.47

FAA FALCO PRESSURE - PAGE 52 + 50 7/2 1/3 7/2 3/2 2/3 7/2 3

RUN#11 - R#54 SPEED#452

END

DATE: 2/19/77

DIAL DATA DE 252

PAGE: 2

500 PRESS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ALLEN 500 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FREQ:

52

63

84

10

125

167

242

254

315

482

522

637

847

1247

1284

1667

2227

2547

3154

476

5247

6327

8227

12827

ABSENT TEMP. 11.22
MET-6 6 TEMP. 2/49
BAR. PRESSURE 22.82
ABS. - VICTIV 2.47

FAA FAI/CO PRESSOR - 0-SE 50 - 50 7/1 1/30/77 R/C 2/3/77-3

RU-11 AUG-94

505000457

DATE: 2/4/77

RADIAL DISTANCE 252

PAGE: 1

SOUND PRESSURE LEVELS RECORD AT STATION 252

FREQ.	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000
50	72.99	72.54	71.00	70.04	71.59	71.74	69.93	71.96	71.69	73.34	74.22	77.16	82.44	85.2							
63	71.28	72.29	74.46	71.71	71.46	71.56	72.87	71.92	73.15	73.59	75.21	77.49	82.17	83.6							
80	69.15	72.52	69.94	69.59	72.35	71.56	70.68	71.45	72.47	73.71	75.47	77.34	78.82	79.7							
100	71.12	72.29	71.18	71.85	74.53	74.27	73.78	74.91	75.19	78.21	79.71	81.53	82.39	83.1							
125	72.18	71.24	68.99	71.42	72.24	73.97	72.65	73.65	74.37	76.57	78.16	79.24	79.14	80.1							
160	69.53	69.24	67.92	68.95	72.14	71.55	71.83	72.52	73.98	74.88	76.89	77.22	78.62	79.1							
200	60.48	67.55	67.58	68.25	68.53	72.24	71.42	71.68	73.11	73.98	76.35	77.98	79.26	80.8							
250	64.81	65.31	64.14	64.17	65.27	67.81	68.24	69.91	71.34	72.72	74.24	75.99	77.71	78.4							
315	72.72	72.77	67.98	64.58	64.89	66.28	66.17	67.37	69.21	66.54	69.59	68.16	72.65	72.3							
400	71.72	69.85	71.32	68.72	68.13	69.45	67.39	66.94	68.45	68.22	71.22	66.55	72.68	72.6							
500	74.61	73.92	73.67	72.88	72.69	73.42	71.96	71.82	72.28	73.38	79.87	71.47	77.25	77.4							
630	76.53	76.96	75.95	75.12	75.32	72.22	72.28	72.26	72.85	72.59	74.71	79.32	75.22	73.14							
800	74.92	75.76	73.37	72.92	74.67	75.21	76.28	75.44	78.16	76.57	76.25	75.97	74.11	73.5							
1000	77.74	78.34	77.59	75.92	74.23	75.93	74.62	74.82	77.68	76.78	77.14	76.43	75.24	75.2							
1250	91.45	92.43	79.43	79.66	78.39	79.16	79.26	75.85	78.65	79.28	79.77	75.26	74.63	73.1							
1600	79.47	81.21	79.81	78.59	77.94	81.81	77.94	77.81	79.12	81.06	81.73	75.96	75.89	73.8							
2000	79.86	81.49	82.65	78.29	77.53	81.72	76.59	77.29	78.27	82.44	82.92	74.42	75.97	73.7							
2500	78.28	78.38	79.33	78.35	79.27	79.28	80.38	81.48	82.34	77.58	78.62	74.42	74.74	73.3							
3150	81.56	78.47	76.99	71.29	81.53	79.87	82.79	83.73	85.75	81.25	82.24	77.87	72.57	74.9							
4000	85.41	86.59	84.54	86.82	86.75	90.15	86.79	86.19	88.34	89.95	89.32	81.82	82.84	82.4							
5000	78.79	82.84	84.63	78.87	78.58	87.26	86.32	82.42	82.86	84.45	83.37	75.59	76.72	74.5							
6300	79.84	78.76	81.66	82.51	81.42	81.38	82.69	84.75	89.71	82.94	79.92	78.42	77.22	74.5							
8000	88.99	88.97	78.67	75.82	82.25	82.51	79.96	83.85	84.14	86.51	84.89	76.26	73.89	74.5							
10000	78.99	79.12	77.82	77.92	77.55	79.24	78.78	82.82	84.15	83.12	81.59	77.83	75.16	75.4							
MEASURED CASP	92.58	93.19	91.64	91.77	91.55	94.25	92.72	92.32	94.21	94.33	94.44	91.52	91.16								
CALCULATED CASP	91.82	92.39	91.34	91.59	91.77	93.99	92.55	93.28	94.63	94.88	94.40	91.78	92.47								
PDP	129.17	127.54	128.7	127.9	127.17	129.6	128.15	127.16	129.4	129.7	129.7	129.3	129.3								

AMBIENT TEMP. 31.22
MET-BUS TEMP. 27.49
EAB. PRESSURE 24.99
ABS. HUMIDITY 2.472

FRA FAN COMPRESSOR - PHASE 59 + 50 T/D 1/32/77 R/D 2/3/77-3

RUN=11 000005 SPEED=6627

PAGE: 1

DATE: 2/14/77

RADIAL DISTANCE 250

PAGE: 2

SOUL PRESSURE LEVELS DIRECTIVITY INDEX

	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	15
FREQ:																
52	-2.66	-1.72	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42
62	-2.66	-1.72	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42	-2.42
82	-3.59	-2.23	-2.82	-3.16	-2.41	-1.19	-2.27	-1.29	-3.22	-2.58	-2.22	-2.22	-2.22	-2.22	-2.22	-2.22
102	-1.97	-3.79	-4.91	-2.23	-1.55	-7.21	-2.31	-1.17	-9.88	-2.12	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
122	-2.35	-3.29	-5.65	-3.12	-2.22	-5.72	-1.68	-9.24	-1.67	-2.21	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68
142	-3.33	-3.89	-4.88	-3.12	-2.72	-1.31	-1.23	-3.38	-1.16	-1.99	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31
162	-2.93	-4.88	-4.88	-4.14	-2.88	-2.47	-2.94	-2.28	-1.98	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57
182	-3.17	-4.67	-5.81	-4.91	-2.17	-1.95	-2.75	-1.36	-1.72	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36
202	1.219	3.292	2.953	-3.11	-2.72	-1.48	-1.51	-3.19	-1.34	-1.15	-1.429	-1.429	-1.429	-1.429	-1.429	-1.429
222	2.971	9.134	2.379	-1.72	-6.35	5.262	-1.54	-1.95	-1.48	5.821	1.845	-1.489	-1.489	-1.489	-1.489	-1.489
242	2.223	1.331	1.213	2.229	1.173	8.311	-1.52	-1.29	-1.29	9.832	3.283	-2.12	-2.12	-2.12	-2.12	-2.12
262	2.854	5.116	-1.97	-3.28	-1.14	7.012	1.94	4.275	1.152	12.079	2.85	-1.22	-1.22	-1.22	-1.22	-1.22
282	1.454	4.337	-1.92	-2.43	-1.35	7.255	2.889	2.883	1.143	2.727	2.159	-1.15	-1.15	-1.15	-1.15	-1.15
302	1.768	2.37	1.126	-1.48	-1.95	8.27	-1.36	-1.17	-1.28	8.262	1.389	-1.532	-1.532	-1.532	-1.532	-1.532
322	2.821	3.782	1.177	1.237	-2.68	5.279	-1.52	-2.69	-2.62	8.332	1.119	-3.39	-3.39	-3.39	-3.39	-3.39
342	3.218	1.808	4.622	-4.84	-1.21	2.661	-1.21	-2.14	-1.97	2.512	2.974	-3.19	-3.19	-3.19	-3.19	-3.19
362	3.241	2.752	1.925	-4.37	-1.21	2.981	-2.15	-1.44	-1.44	1.299	1.983	-4.32	-4.32	-4.32	-4.32	-4.32
382	-1.22	-7.14	3.792	-7.24	3.966	-7.46	1.279	1.728	3.237	-1.24	-1.482	-4.69	-4.69	-4.69	-4.69	-4.69
402	2.493	-2.18	-4.32	-2.28	3.126	5.144	1.389	2.415	4.464	-2.65	-2.79	-3.45	-3.45	-3.45	-3.45	-3.45
422	-1.83	-6.83	-2.69	-6.53	-6.78	7.919	1.564	-1.24	1.129	2.750	2.787	-5.12	-5.12	-5.12	-5.12	-5.12
442	-2.28	-2.45	-4.53	-2.31	-2.49	2.181	-1.79	1.344	1.781	3.372	2.288	-5.49	-5.49	-5.49	-5.49	-5.49
462	-2.16	-3.24	-3.48	-1.37	-1.585	-1.21	6.944	2.748	4.783	9.333	-2.15	-3.59	-3.59	-3.59	-3.59	-3.59
482	-1.51	-1.95	-1.22	-3.27	-1.84	6.231	-1.93	1.253	4.623	3.226	-5.61	-7.99	-7.99	-7.99	-7.99	-7.99
502	-1.323	-1.56	-1.65	-1.55	-1.92	-1.253	-1.493	1.575	1.648	2.221	-1.65	-3.47	-3.47	-3.47	-3.47	-3.47

ARRIVAL TEMP: 33.47
WINDSPEED: 27.49
BAR. PRESSURE: 28.99
ASS. HUMIDITY: 2.477

FAA FAN/COMPRESSOR - PHASE 59 * 5C 770 1/30/77 2/3/77-1

RUN#11 PGM#95 SPEED#6667

DATE: 2/7/77

RADIAL DISTANCE 25.

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

	2.2	12.2	22.2	31.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
FREQ:																					
32	-1.31	-2.17	-2.81	-3.25	-3.42	-3.22	-2.82	-2.52	-2.22	-1.92	-1.62	-1.32	-1.02	-0.72	-0.42	-0.12	0.18	0.48	0.78	1.08	1.38
63	-3.39	-3.25	-2.26	-3.56	-3.42	-2.77	-2.99	-2.66	-2.36	-2.06	-1.76	-1.46	-1.16	-0.86	-0.56	-0.26	0.04	0.34	0.64	0.94	1.24
81	-5.52	-4.52	-3.97	-4.34	-3.27	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69	-3.69
100	-6.13	-5.99	-5.48	-5.84	-2.58	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68	-3.68
125	-5.46	-6.39	-6.82	-5.22	-7.12	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28	-3.28
160	-5.23	-6.58	-5.66	-4.43	-3.24	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95
200	-4.46	-6.12	-5.27	-4.42	-3.28	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76
250	-5.17	-7.34	-7.34	-5.13	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99	-3.99
315	-1.32	-2.12	-1.45	-1.32	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49
400	-1.256	-2.877	-2.187	-1.659	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97
500	-2.12	-3.234	-1.894	-1.652	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91
632	-2.13	-3.227	-1.78	-1.78	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93	-3.93
800	-2.17	-3.216	-1.63	-1.28	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41
1000	-2.51	-2.137	-1.53	-1.675	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97
1250	-2.2	-1.926	-1.944	-2.525	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52
1600	-1.02	-1.544	-1.544	-1.544	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03	-3.03
2000	-2.40	-1.492	-1.484	-1.21	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59
2500	-2.64	-1.82	-1.93	-1.750	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
3150	-1.52	-3.22	-4.52	-3.829	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12
4000	-3.13	-3.08	-1.78	-1.78	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987	-4.987
5000	-3.97	-3.09	-1.91	-3.33	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53	-5.53
6300	-3.27	-3.49	-3.31	-3.19	-3.21	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12
8000	-3.02	-2.83	-3.22	-2.83	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82
10000	-2.99	-3.99	-2.67	-3.81	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19

AMBIENT TEMP. 31.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.89
HUMIDITY 2.472

FAA FAX/COMPRESSOR - PHASE 58 + 50 T/D 1/32/77 R/J 2/3/79-3

RUN#11 RQ#95 SPEED#6927

RACIAL DISTANCE 25%

DATE: 2/14/77

COOL PRESSURE LEVELS REDUCED AT STANDARD TAY

FREQ.	2,2	12,2	22,2	32,2	42,2	52,2	62,2	72,2	82,2	92,2	102,2	112,2	122,2	132,2	142,2	152,2	162,2	172,2	182,2
100	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42	71.42
125	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02	72.02
150	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62
175	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22	73.22
200	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82
225	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42
250	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02	75.02
275	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62	75.62
300	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22	76.22
325	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82
350	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42	77.42
375	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02	78.02
400	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62	78.62
425	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22	79.22
450	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82	79.82
475	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42
500	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02	81.02
525	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62
550	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22
575	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82
600	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42	83.42
625	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02
650	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62	84.62
675	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22	85.22
700	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82	85.82
725	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42	86.42
750	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02	87.02
775	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62	87.62
800	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22	88.22
825	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82	88.82
850	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42	89.42
875	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02	90.02
900	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62	90.62
925	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22	91.22
950	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82	91.82
975	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42
1000	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02	93.02

MEASURED GASPL

CALCULATED GASPL

AMBIENT TEMP 33.82
WET-BULB TEMP 27.46
BAR PRESSURE 28.99
ABS. HUMIDITY 2.412

EAA FAN/COMPRESSOR - PHASE 28 & 90 I/D 1/33/77 R/L 2/3/77-3

RAYBLL 803997 SPEED=2123

CAP-11 155.9

DATE: 2/14/77

RADIAL DISTANCE 250

PAGE: 2

SOURCE PRESSURE LEVELS DIRECTIVITY IN DB

FREQ	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
52	-3.21	-2.71	-3.12	-3.24	-2.51	1.14	-4.15	-2.46	-9.12	1.297
64	-4.27	-2.61	-1.37	-3.71	-3.33	2.575	-2.45	-2.52	-1.29	1.212
80	-4.11	-2.45	-2.53	-3.42	-3.25	1.454	-2.47	-1.78	-1.15	1.925
100	-6.77	-4.97	-4.81	-3.75	-2.94	5.959	-3.75	-1.26	-1.25	1.929
120	-3.82	-2.29	-4.84	-3.22	-2.28	2.194	-1.567	-1.31	-1.12	2.781
140	-5.29	-4.94	-5.47	-4.33	-3.27	-1.54	-1.33	-1.32	1.325	1.999
160	-8.19	-5.44	-5.49	-4.53	-3.54	-4.83	-2.91	-2.22	1.335	2.228
180	-6.69	-6.33	-7.51	-6.68	-2.83	8.901	1.987	1.942	1.912	8.901
200	-8.78	-1.333	-1.21	-4.42	-3.42	3.362	3.329	4.828	1.156	-3.71
220	2.977	1.444	1.258	-1.78	-1.74	-1.92	-2.26	-7.11	-3.24	2.997
240	-7.755	1.379	1.248	-1.11	-2.17	4.894	3.828	-2.37	-5.31	8.413
260	-2.37	-3.49	-1.89	-3.15	1.476	9.995	8.191	7.698	9.911	1.439
280	-4.84	-1.21	-3.74	-3.24	2.616	-1.382	3.922	6.223	2.253	8.892
300	-7.885	9.362	-3.29	-1.71	-1.81	8.927	3.918	6.678	8.991	2.524
320	2.419	4.862	1.322	4.843	2.494	1.999	5.982	-1.31	-1.14	-2.288
340	-1.15	1.995	-2.69	-2.19	5.681	1.579	-7.44	-5.64	2.767	2.948
360	-2.42	2.429	1.394	-1.42	3.78	2.388	-6.83	-2.28	-5.25	1.531
380	-4.12	-1.12	-1.96	-1.82	1.219	-1.62	2.378	3.748	2.365	-1.25
400	-3.12	-2.81	-2.65	-2.68	7.876	-2.32	2.725	3.552	3.855	-1.92
420	-2.95	-2.95	-2.24	-6.968	2.699	2.954	1.783	1.669	1.623	1.659
440	-3.94	2.273	-2.752	1.575	7.542	3.328	-9.23	2.384	-2.19	1.288
460	-1.99	-1.46	-2.13	-1.84	6.747	-1.92	2.942	3.703	3.631	6.637
480	-2.22	-1.52	-1.79	-3.24	-1.35	2.838	1.645	2.937	2.323	3.479
500	-2.41	-1.69	-2.08	-1.69	6.869	1.582	2.159	2.752	2.643	1.172

C35

AMBIENT TEMP 33.22
 MET-BULB TEMP 27.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/72 R/C 2/3/72-3

RUN#11 R01497 SPEED#7103

DATE: 2/4/77

RADIAL DISTANCE 254

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD FA

FREQ.	ANGLES FROM INLET									
	2.2	4.2	6.2	8.2	10.2	12.2	14.2	16.2	18.2	20.2
50	72.58	72.87	72.94	72.94	72.83	72.82	71.66	73.41	74.32	75.32
63	76.32	72.77	74.83	71.61	71.15	72.81	74.31	74.32	75.76	77.73
80	88.57	89.31	78.95	71.62	71.44	73.48	73.47	74.56	76.24	78.25
100	70.12	72.32	71.48	72.34	73.11	74.99	75.51	76.46	77.64	79.59
125	75.28	72.61	72.24	74.52	74.21	78.78	78.17	77.52	78.12	84.15
160	72.46	72.11	72.13	71.46	72.32	74.13	74.76	75.95	77.54	78.41
200	78.28	68.88	69.72	70.47	71.36	73.28	74.53	75.29	77.22	78.75
250	70.31	66.34	65.37	67.29	69.72	72.95	74.29	74.64	75.69	77.42
315	67.29	67.19	67.34	64.42	65.69	67.28	70.15	71.09	73.30	74.48
400	60.75	60.82	71.36	67.84	67.65	67.42	68.26	69.97	72.79	71.16
500	72.29	71.94	71.93	71.32	71.12	73.32	71.96	71.83	71.84	75.38
630	73.31	77.22	6.29	58.03	79.74	79.27	78.24	78.96	77.75	77.97
800	78.14	79.82	74.54	72.11	70.62	82.54	83.34	82.78	82.32	82.42
1000	75.75	76.61	75.58	75.49	74.83	75.08	77.52	77.36	78.34	79.96
1250	74.29	70.26	86.01	88.58	72.57	73.71	77.45	76.84	78.11	78.82
1600	77.28	79.57	79.72	81.47	79.22	81.83	86.13	77.41	79.01	81.79
2000	75.35	78.43	78.84	75.92	75.24	79.44	75.85	77.97	77.91	82.82
2500	75.09	75.77	77.78	76.87	78.95	77.25	81.22	82.02	81.21	77.46
3150	82.32	75.47	75.72	88.96	81.79	82.14	84.46	84.81	84.81	85.92
4000	82.37	84.23	82.39	86.11	84.28	87.37	86.69	89.54	86.85	89.84
5000	87.31	84.23	82.71	94.11	91.22	94.94	88.17	91.68	92.28	91.22
6300	88.17	88.09	91.74	89.06	82.29	91.09	86.26	85.85	86.67	82.92
8000	72.88	72.45	77.51	78.88	79.35	81.05	83.49	84.14	84.42	84.55
10000	88.04	81.06	82.12	83.25	82.51	82.43	85.48	83.43	85.89	85.19
MEASURED CASP.	91.51	93.65	93.37	95.56	93.95	90.54	94.51	95.41	95.65	95.97
CALCULATED CASP.	81.84	94.23	93.71	96.31	94.45	97.11	95.12	95.82	94.24	94.17
POB	106.17	139.2	120.9	111.4	109.6	112.3	109.1	112.7	112.6	112.4

CAP: 1 156.5

AMBIENT TEMP. 33.32
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.472

FAA FAV/COMPRESSOR - PHASE 50 & 50 T/D 1/32/77 R/D 2/3/77-3

RUN: 11 900=98 SPEED=7337

DATE: 2/24/77

PAGE: 2

RADIAL DISTANCE 252

SOL. PRESSURE LEVELS DIRECTIVITY IN DB

FREQ	2.2	12.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
22	-2.92	-4.61	-4.53	-5.12	-4.86	-2.67	-3.82	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
63	-5.93	-5.48	-1.42	-6.69	-3.17	-3.44	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94
82	-7.33	-4.39	-4.94	-4.89	-4.46	-2.31	-2.24	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
102	-7.41	-7.21	-6.34	-5.18	-4.42	-2.53	-2.81	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
122	-5.28	-7.55	-8.39	-5.66	-3.95	-1.41	-1.99	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64
162	-6.12	-6.37	-6.35	-5.22	-4.16	-2.35	-1.72	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
202	-2.24	-6.64	-5.73	-5.83	-4.14	-2.23	-1.71	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11
252	-4.22	-8.19	-9.10	-7.44	-4.01	-1.58	-2.31	-1.09	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69
315	-2.78	-3.38	-3.12	-4.16	-4.89	-2.83	-4.29	-1.44	-2.818	-2.818	-2.818	-2.818	-2.818	-2.818	-2.818	-2.818	-2.818
402	-1.49	-1.43	-1.16	-2.48	-2.59	-2.83	-1.99	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76
502	-1.12	-1.28	-1.12	-1.238	-1.238	-1.333	-1.28	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38
632	-5.19	-1.18	-3.87	-2.333	-1.338	-1.338	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59
802	-5.18	-1.31	-3.79	-1.82	-1.787	-2.341	-1.818	-2.376	-1.976	-2.376	-2.376	-2.376	-2.376	-2.376	-2.376	-2.376	-2.376
1002	-1.69	-1.39	-1.36	-1.95	-2.61	-1.56	-2.77	-1.57	-1.791	-2.59	-2.59	-2.59	-2.59	-2.59	-2.59	-2.59	-2.59
1222	-1.61	-1.892	-1.838	-2.62	-1.337	-1.333	-1.741	-1.58	-1.97	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4
1602	-2.46	-1.787	-2.431	-2.086	-1.257	-1.366	-1.742	-2.85	-1.833	-2.244	-2.244	-2.244	-2.244	-2.244	-2.244	-2.244	-2.244
2022	-2.27	-1.822	-1.419	-1.71	-2.38	-1.822	-1.77	-3.489	-3.247	-2.997	-2.997	-2.997	-2.997	-2.997	-2.997	-2.997	-2.997
2522	-2.71	-2.63	-1.618	-1.53	-1.499	-1.15	-2.822	-3.618	-3.618	-3.618	-3.618	-3.618	-3.618	-3.618	-3.618	-3.618	-3.618
3152	-1.19	-1.23	-1.28	-1.36	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322	-1.322
4022	-2.61	-1.756	-2.56	-1.759	-1.782	-2.568	-1.852	-2.961	-3.111	-3.111	-3.111	-3.111	-3.111	-3.111	-3.111	-3.111	-3.111
5022	-3.62	-3.792	-2.74	-3.345	-1.605	-1.84	-2.69	-2.803	-3.575	-3.575	-3.575	-3.575	-3.575	-3.575	-3.575	-3.575	-3.575
6322	-2.45	-2.56	-1.924	-1.99	-1.962	-1.55	-3.636	-4.221	-4.221	-4.221	-4.221	-4.221	-4.221	-4.221	-4.221	-4.221	-4.221
8022	-1.86	-2.89	-4.83	-2.56	-2.19	-1.995	-1.995	-2.597	-2.882	-3.215	-3.215	-3.215	-3.215	-3.215	-3.215	-3.215	-3.215
10222	-1.97	-1.75	-2.77	-1.535	-1.389	-2.663	-1.613	-2.279	-2.381	-2.381	-2.381	-2.381	-2.381	-2.381	-2.381	-2.381	-2.381

C37

AMBIENT TEMP. 33.27
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/77 R/D 2/3/78-3

RUN#11 QDG#98 SPEED#7328

DATE: 2/4/77

PAGE: 1

RADIAL DISTANCE 252

SCUD PRESSURE LEVELS REDUCED AT STA DART DAY

FREQ.	2.2	10.2	22.2	38.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
52	74.68	74.29	73.45	73.33	73.64	74.46	73.78	75.48	76.89	77.29	78.59	81.42	84.39	135.2					
63	74.77	75.59	76.77	76.44	75.46	75.96	76.63	77.59	77.77	77.18	82.97	86.91	87.26	136.8					
82	73.82	73.88	73.23	73.77	73.19	73.83	73.66	74.11	73.34	73.19	82.74	84.95	137.9						
102	73.66	73.11	72.94	74.58	74.92	76.29	77.33	76.51	79.31	81.25	82.34	84.77	85.98	137.4					
122	76.56	79.18	77.54	81.64	78.49	78.59	81.31	86.14	83.68	86.74	83.42	85.54	87.46	141.2					
162	73.16	72.28	70.95	72.72	73.74	75.22	75.39	76.99	78.55	79.93	81.79	82.64	83.49	136.2					
202	72.14	70.14	68.77	72.31	71.32	71.83	72.23	73.47	74.38	75.28	82.16	82.73	83.51	135.4					
252	72.64	68.23	66.24	66.66	68.63	70.89	73.25	77.21	76.85	75.24	79.21	82.21	77.83	133.2					
312	70.21	72.62	69.74	67.23	67.64	67.95	69.09	72.89	71.11	70.26	72.44	73.14	74.88	128.7					
402	73.23	73.15	74.24	72.98	74.84	74.21	75.19	72.54	74.97	75.97	75.36	73.57	76.11	132.8					
502	74.85	75.62	76.65	76.33	77.12	77.28	78.25	76.05	77.25	78.21	82.99	78.37	75.57	135.9					
632	76.96	77.87	76.37	77.28	77.54	79.78	80.44	86.61	82.72	82.87	83.57	86.25	75.75	139.9					
802	74.51	77.38	73.19	74.44	77.78	79.72	88.12	81.59	85.89	85.96	84.14	82.71	78.53	148.1					
1002	74.29	74.95	76.86	76.04	78.82	76.59	75.98	76.23	78.79	86.96	86.79	36	78.86	136.7					
1252	72.88	82.20	82.11	81.16	81.61	84.18	84.41	82.28	80.84	84.88	81.23	71.51	74.72	141.4					
1602	77.46	77.91	77.88	78.31	76.88	80.88	78.88	76.51	79.32	82.39	81.27	76.59	76.24	138.5					
2002	74.88	74.79	78.23	75.85	73.48	79.79	73.82	76.73	77.24	78.29	78.18	74.59	76.28	136.7					
2502	74.68	74.51	77.88	76.82	79.93	79.86	79.96	81.69	86.55	76.58	75.99	74.33	74.82	130.3					
3152	88.24	74.96	75.18	82.71	81.54	79.52	82.43	83.15	83.96	80.17	78.09	76.93	71.84	149.9					
4002	81.77	82.81	80.24	81.92	81.56	84.62	84.22	83.16	84.89	85.36	83.89	77.82	76.51	143.7					
5002	86.42	89.97	88.34	88.25	88.23	84.18	87.88	91.88	91.88	92.84	92.12	81.37	84.69	151.3					
6302	81.82	86.17	82.97	89.69	89.72	88.88	82.61	85.37	89.73	81.98	79.19	77.69	77.67	143.9					
8202	88.41	78.31	77.72	77.95	77.53	88.29	88.42	82.57	83.41	81.32	81.22	74.86	72.71	144.1					
10022	81.93	81.75	82.76	83.32	82.10	84.79	84.64	85.35	86.55	86.02	83.37	79.36	78.73	149.8					
MEASURED GASPL	92.76	94.11	93.36	93.48	93.29	96.18	94.37	95.97	96.94	97.36	98.71	99.58	96.79						
CALCULATED GASPL	92.21	93.54	93.53	93.32	93.36	94.77	94.44	95.97	96.42	97.29	98.99	94.29	95.48						
P.D8	126.8	126.6	126.7	123.1	126.3	111.9	108.4	111.5	111.1	111.6	112.2	125.9	126.2						

CAP LI 156.2

AMBIENT TEMP. 31.82
MET-BULB TEMP. 27.49
RAD. PRESSURE 28.96
AQUA HUMIDITY 1.472

FAA FAN/COMPRESSOR - PHASE 98 & 99 T/D 1/30/77 R/V 2/3/78-3

RUN#11 SC0482 SPEED=7580

DATE: 7/24/72

RACIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.0	10.2	22.0	30.2	42.2	50.2	62.0	74.2	82.2	92.2	102.2	112.2
20	-2.71	-3.31	-4.16	-4.89	-5.78	-6.94	-8.33	-1.03	-1.93	-3.26	-5.14	-7.52
30	-4.17	-3.35	-2.17	-2.49	-3.46	-4.98	-7.31	-1.34	-1.17	-2.373	-4.220	-6.983
40	-6.11	-5.05	-3.88	-4.18	-5.16	-7.23	-10.89	-1.27	-1.42	-2.432	-4.312	-7.217
50	-8.25	-6.19	-5.38	-4.72	-6.39	-9.91	-1.98	-2.91	-5.026	-7.741	-10.334	-13.674
60	-10.21	-8.68	-7.32	-6.22	-7.37	-11.44	-3.26	-4.61	-7.874	-10.612	-13.673	-17.622
70	-12.61	-10.57	-9.02	-7.85	-9.21	-12.75	-4.38	-6.781	-10.783	-13.559	-16.820	-20.717
80	-15.86	-13.44	-11.23	-10.09	-11.88	-15.27	-6.77	-10.231	-13.846	-17.778	-21.313	-25.249
90	-18.05	-16.46	-14.06	-12.89	-14.66	-18.01	-9.45	-13.517	-17.522	-21.541	-25.514	-29.135
100	-20.59	-18.22	-15.44	-14.28	-16.17	-20.22	-12.82	-17.222	-21.892	-25.782	-29.814	-33.764
110	-22.32	-20.13	-17.27	-16.09	-18.08	-22.32	-16.117	-21.53	-25.893	-30.193	-34.727	-38.237
120	-24.24	-22.23	-19.53	-18.02	-20.36	-24.36	-19.45	-25.423	-30.272	-34.972	-39.825	-43.559
130	-26.13	-24.14	-21.80	-20.68	-22.84	-26.32	-22.727	-28.224	-33.253	-38.822	-43.856	-48.11
140	-28.19	-26.45	-24.52	-23.94	-25.99	-28.80	-25.49	-31.15	-35.96	-41.504	-46.338	-51.51
150	-30.28	-28.72	-26.84	-26.53	-28.44	-31.23	-28.252	-34.33	-41.29	-46.224	-51.339	-56.11
160	-32.72	-30.27	-29.59	-29.37	-31.96	-33.76	-31.34	-47.26	-51.551	-56.422	-61.225	-66.67
170	-35.38	-33.55	-32.85	-32.31	-34.93	-36.77	-34.35	-51.43	-56.43	-61.588	-66.228	-71.63
180	-38.11	-36.37	-35.19	-34.82	-37.82	-39.45	-37.82	-56.43	-61.588	-66.228	-71.63	-76.63
190	-40.99	-39.29	-38.09	-37.72	-40.71	-42.31	-40.71	-61.588	-66.228	-71.63	-76.63	-81.63
200	-43.39	-41.62	-40.42	-40.05	-43.08	-45.22	-43.08	-66.228	-71.63	-76.63	-81.63	-86.63
210	-45.96	-44.36	-43.16	-42.79	-45.81	-48.19	-45.81	-71.63	-76.63	-81.63	-86.63	-91.63
220	-48.12	-46.73	-45.53	-45.16	-48.37	-50.82	-48.37	-76.63	-81.63	-86.63	-91.63	-96.63
230	-50.71	-49.32	-48.12	-47.75	-50.96	-53.44	-50.96	-81.63	-86.63	-91.63	-96.63	-101.63
240	-52.71	-51.32	-50.12	-49.75	-52.96	-55.44	-52.96	-86.63	-91.63	-96.63	-101.63	-106.63
250	-54.71	-53.32	-52.12	-51.75	-54.96	-57.44	-54.96	-91.63	-96.63	-101.63	-106.63	-111.63
260	-56.71	-55.32	-54.12	-53.75	-56.96	-59.44	-56.96	-96.63	-101.63	-106.63	-111.63	-116.63
270	-58.71	-57.32	-56.12	-55.75	-58.96	-61.44	-58.96	-101.63	-106.63	-111.63	-116.63	-121.63
280	-60.71	-59.32	-58.12	-57.75	-60.96	-63.44	-60.96	-106.63	-111.63	-116.63	-121.63	-126.63
290	-62.71	-61.32	-60.12	-59.75	-62.96	-65.44	-62.96	-111.63	-116.63	-121.63	-126.63	-131.63
300	-64.71	-63.32	-62.12	-61.75	-64.96	-67.44	-64.96	-116.63	-121.63	-126.63	-131.63	-136.63

C39

AMBIENT TEMP 33.02
WET-BULB TEMP 27.49
BAR. PRESSURE 26.84
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 50 7/D 1/30/77 R/D 2/3/78-3

RUN#11 R00#99 S#EED#7500

DATE: 2/25/77

RACIA DISTANCE 254

PAGE: 1

SOLAR PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	(P L)
57	79.96	82.82	79.17	78.65	78.42	76.55	75.25	77.66	79.35	79.94	82.92	83.52	88.52	138.1				
63	78.76	82.79	79.43	79.61	78.44	77.69	77.23	75.82	79.35	82.92	83.52	88.52	138.1					
82	77.07	79.18	77.87	77.79	77.11	77.46	77.59	78.54	79.98	81.25	82.97	84.63	87.62	138.4				
122	78.27	79.14	77.29	77.97	77.85	78.25	78.09	79.71	81.27	82.79	84.11	86.58	88.49	139.5				
125	82.96	85.94	85.27	82.17	81.44	82.39	83.32	87.87	87.14	87.33	87.32	87.32	87.95	143.5				
183	78.46	77.56	75.23	76.23	76.44	72.89	77.33	78.17	88.35	81.73	83.81	84.92	85.55	138.3				
282	73.99	74.86	72.39	73.78	73.91	75.81	76.39	77.21	78.65	79.66	82.26	84.86	86.31	136.5				
282	71.82	73.14	71.11	72.37	71.24	73.19	74.58	77.47	78.75	77.68	82.25	81.89	86.77	134.8				
319	72.51	73.99	73.67	74.38	74.19	74.45	72.62	73.32	73.92	73.42	76.28	75.49	76.79	131.6				
424	74.22	75.12	74.25	75.82	75.52	73.83	74.28	74.93	75.23	74.11	76.22	77.42	78.58	133.9				
523	75.75	77.75	77.96	77.98	79.21	78.97	77.38	77.62	78.26	79.63	82.66	78.38	77.26	136.8				
632	77.35	78.22	78.53	81.68	81.44	82.18	80.32	79.86	81.87	81.44	82.34	81.62	78.34	139.5				
822	75.85	76.37	77.56	76.93	79.25	81.42	82.58	82.47	86.75	83.57	84.27	81.33	79.64	142.7				
1282	74.14	77.44	76.71	78.58	78.35	79.14	83.87	79.23	83.82	81.20	82.18	82.39	78.92	138.5				
1290	76.45	82.52	81.47	80.29	84.76	85.31	84.56	82.89	82.33	82.84	81.44	79.95	78.95	142.7				
1682	78.41	80.39	82.27	82.87	84.89	85.24	87.76	84.61	82.65	81.82	82.41	81.29	78.71	142.7				
2882	74.92	79.35	82.83	82.44	84.17	87.29	82.49	82.58	82.37	81.82	82.43	77.84	78.45	142.1				
2822	74.20	75.77	79.72	82.56	83.53	81.49	83.17	83.34	81.79	77.91	75.94	75.54	75.29	142.6				
3152	79.23	78.19	78.17	84.12	85.33	82.86	84.47	84.55	83.88	82.23	78.87	78.46	77.14	142.6				
4282	80.43	82.38	82.16	85.59	82.84	83.88	83.83	83.44	83.71	82.32	82.91	78.82	78.97	143.9				
5782	85.69	90.62	91.36	88.89	86.08	92.36	87.85	92.96	91.72	94.18	92.63	93.24	88.72	151.8				
6328	82.77	88.81	83.19	83.88	82.19	81.54	82.91	84.83	83.37	82.48	82.22	78.17	78.83	144.5				
8282	79.97	79.91	79.13	80.15	80.17	82.50	81.05	84.26	83.47	84.43	82.35	76.82	75.94	145.4				
12222	81.87	82.53	82.88	84.21	83.59	87.12	84.44	84.35	82.24	87.78	83.82	82.88	83.11	152.9				
MEASURED CASPL	93.24	96.83	95.62	95.71	95.94	97.66	98.20	97.81	97.74	98.47	97.87	97.53	99.27					
CALCULATED CASPL	92.69	95.32	95.35	95.20	95.45	97.51	98.89	97.65	97.49	98.27	98.96	95.97	97.55					
PV03	146.6	189.8	112.3	128.7	149.1	112.1	189.9	112.4	111.8	113.8	118.8	126.8	128.2					

RAP: 157.4

AMBIENT TEMP 33.20
WET-BULB TEMP 27.49
BAR. PRESSURE 28.86
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 50 T/D 1/32/72 R/C 2/3/77-3

RUN: 11 RCG: 122 SPEED: 7727

DATE: 2/25/77

RADIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM INLET

FREQ.	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
50	-1.52	-1.45	-1.21	-1.06	-1.89	-3.66	-4.26	-2.63	-.964	-.372	.6145	3.247	8.228						
63	-2.11	-1.771	-1.44	-1.86	-2.43	-3.17	-3.14	-1.85	-1.12	.2187	1.39	3.487	7.948						
80	-2.73	-1.22	-2.53	-2.41	-3.29	-2.94	-2.81	-1.86	-.416	.8582	2.272	4.235	7.222						
100	-3.38	-2.31	-4.16	-3.48	-3.61	-3.48	-2.97	-1.74	-.382	1.359	2.651	5.247	7.845						
125	-2.35	-2.47	-2.12	-2.13	-2.85	-2.91	-2.29	-2.262	.836	1.284	2.216	2.457	3.733						
150	-3.59	-2.49	-4.96	-3.82	-3.62	-3.16	-2.27	-.884	.3423	1.696	3.758	4.638	5.893						
175	-4.15	-3.28	-5.74	-4.44	-4.23	-3.13	-3.74	-.932	.3868	1.332	4.125	5.933	4.175						
200	-4.58	-3.63	-5.27	-4.81	-4.53	-2.99	-3.82	1.784	.3419	1.333	3.859	5.511	4.382						
250	-5.37	-3.668	-6.847	-2.67	-2.85	-2.88	-.426	.262	.3765	.358	3.837	2.437	3.259						
315	-1.28	-1.03	.7525	.3219	-.793	-1.47	.7553	-.376	-.269	.8117	.8212	1.722	3.282						
400	-2.29	-.284	-.874	-.133	1.179	.9323	-.657	-.411	.8259	1.558	2.629	3.458	5.272						
500	-3.22	-2.35	-2.83	1.159	1.669	1.653	-.247	-.712	1.306	.8721	2.369	1.858	5.23						
630	-3.73	-2.44	-3.84	-4.87	-3.35	-1.18	.9332	.8825	9.146	1.984	2.464	2.159	5.86						
800	-5.28	-1.78	-5.92	-.642	-1.18	1.231	1.644	.538	.7816	2.21	2.934	1.15	5.39						
1000	-4.15	-.879	-1.13	.883	2.159	2.714	1.968	.2939	-.271	.2477	2.14	2.45	3.64						
1250	-6.05	-2.07	-.956	1.837	2.179	4.788	1.548	-.484	-.2.05	-.647	-.2.97	-.4.34	-.8.74						
1500	-7.27	-2.83	-.4891	.2518	.989	5.182	.3844	.3951	-.4.81	-.308	-.1.75	-.5.14	-.8.74						
1750	-6.28	-4.61	-.1675	.1775	3.152	1.117	2.789	2.932	1.416	-.2.47	-.4.44	-.4.04	-.5.28						
2000	-3.24	-3.86	-.3.89	2.239	3.274	.2289	2.432	2.432	1.618	1.83	-.3.19	-.3.08	-.8.92						
2500	-2.34	-.448	-2.67	.8634	.7138	2.298	2.899	.6183	.8794	2.684	1.742	-.4.82	-.8.84						
3150	-4.62	.3828	1.848	-1.42	-.3.64	2.247	-.8.47	2.641	1.421	3.867	3.119	-.7.87	-.3.59						
4000	-3.28	-1.42	1.142	-.1.92	.1475	.750	.8812	2.328	3.314	4.283	-.2.83	-.3.68	-.3.22						
5000	-1.18	-1.45	-.3.19	-1.132	1.235	.5889	2.987	2.116	2.678	2.817	-.4.73	-.5.41							
6300	-3.77	-2.31	-2.176	-.828	-2.125	2.279	1.798	1.512	2.482	2.939	-.1.83	-.3.09	-.3.73						

041

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.45
BAR. PRESSURE 28.94
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 50 + 50 T/D 1/30/78 R/D 2/3/78-3

RUN#11 R00#100 SPEED#7727

DATE: 2/23/77

RATIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0.2	12.2	22.0	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
50	-3.99	-2.88	-4.45	-4.56	-4.43	-3.82	-3.96	-1.83	-1.24	-1.46	-1.28	-1.28
63	-6.94	-4.52	-4.48	-5.15	-4.24	-2.99	-2.67	-1.42	-1.24	-1.24	-1.24	-1.24
80	-6.65	-4.63	-5.33	-5.12	-4.22	-2.47	-2.32	-1.47	-1.24	-1.24	-1.24	-1.24
100	-7.01	-5.02	-6.12	-5.21	-4.29	-3.19	-2.24	-1.63	-1.24	-1.24	-1.24	-1.24
125	-3.88	-1.60	-1.42	-1.76	-1.52	-1.82	-1.29	-1.42	-1.24	-1.24	-1.24	-1.24
160	-5.23	-2.81	-5.39	-4.42	-2.54	-2.52	-1.99	-1.25	-1.24	-1.24	-1.24	-1.24
200	-4.97	-5.20	-7.29	-5.62	-4.59	-2.47	-1.43	-1.44	-1.24	-1.24	-1.24	-1.24
250	-4.68	-4.97	-7.56	-8.11	-5.63	-2.72	-1.35	-1.24	-1.24	-1.24	-1.24	-1.24
315	-1.44	-4.92	-1.23	-3.82	-2.64	-2.78	-1.37	-1.32	-1.24	-1.24	-1.24	-1.24
400	-2.93	-2.93	-1.19	-1.39	-0.16	-1.87	-1.56	-0.72	-1.44	-1.24	-1.24	-1.24
500	-3.23	-2.43	-1.71	-1.71	-1.22	-1.22	-1.22	-1.22	-1.24	-1.24	-1.24	-1.24
630	-4.62	-2.89	-1.46	-1.45	-1.57	-0.59	-0.92	-0.52	-1.24	-1.24	-1.24	-1.24
800	-2.39	-0.93	-3.23	-4.22	-3.85	-2.47	-1.85	-1.24	-1.24	-1.24	-1.24	-1.24
1000	-4.83	-1.92	-1.16	-4.46	-1.71	-1.27	-1.27	-1.27	-1.24	-1.24	-1.24	-1.24
1250	-2.88	-3.93	-1.93	-2.84	-2.55	-3.52	-1.71	-1.24	-1.24	-1.24	-1.24	-1.24
1600	-6.48	-2.24	-1.87	-1.27	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
2000	-8.41	-2.48	-2.46	-1.68	-1.53	-1.59	-1.68	-1.37	-1.24	-1.24	-1.24	-1.24
2500	-6.12	-3.13	-1.95	-1.98	-1.99	-3.27	-2.76	-2.35	-1.24	-1.24	-1.24	-1.24
3150	-2.47	-2.44	-2.25	-2.43	-1.21	-3.87	-2.24	-1.62	-1.24	-1.24	-1.24	-1.24
4000	-1.76	-6.83	-1.31	-1.83	-3.33	-1.98	-2.24	-3.04	-1.24	-1.24	-1.24	-1.24
5000	-2.37	-2.27	-2.37	-3.42	-4.51	-3.72	-2.12	-1.47	-1.24	-1.24	-1.24	-1.24
6300	-1.75	-1.19	-1.77	-1.13	-1.29	-5.19	-1.55	-2.13	-1.24	-1.24	-1.24	-1.24
8000	-1.28	-1.83	-1.27	-1.24	-1.72	-1.74	-1.74	-1.74	-1.24	-1.24	-1.24	-1.24
10000	-3.96	-2.54	-2.37	-1.32	-2.58	-5.78	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17

AMBIENT TEMP. 33.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.94
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 59 + 50 Y/D 1/32/77 R/D 2/3/77-3

RUN#11 RDS#131 SPEED#7992

RADIAL DISTANCE 234

DATE: 2/15/77

SOUND PRESSURE LEVELS REDUCED AT STATION "AY"

FREQ.	ANGLES FROM INLET														
	2.2	18.2	32.2	47.2	52.2	57.2	62.2	67.2	72.2	77.2	82.2	87.2	92.2	97.2	102.2
52	77.27	74.24	74.29	74.81	74.49	74.93	74.25	74.42	74.42	74.42	74.42	74.42	74.42	74.42	74.42
63	74.76	73.63	77.17	74.88	76.69	77.99	77.93	78.93	82.45	81.01	83.69	86.11	88.94	91.92	94.94
74	74.81	75.84	74.44	74.38	77.28	77.87	78.34	78.53	81.83	82.38	84.81	87.28	89.83	92.46	95.19
85	79.61	75.71	76.42	77.81	78.39	79.18	79.49	81.87	82.38	84.36	86.24	88.26	90.32	92.46	94.65
96	74.59	78.39	85.23	88.14	92.22	92.22	92.22	92.22	92.22	92.22	92.22	92.22	92.22	92.22	92.22
107	74.14	86.30	77.95	78.56	82.43	82.78	81.19	81.73	82.49	83.84	85.95	87.32	88.74	90.21	91.74
118	74.33	72.38	72.48	74.88	75.61	76.48	78.25	78.28	80.27	81.88	83.25	84.83	86.12	87.58	89.05
129	75.82	68.38	65.91	69.69	72.64	74.89	75.54	78.81	80.87	82.78	84.31	85.84	87.32	88.74	90.21
140	72.86	72.38	72.32	74.38	74.87	75.33	75.33	75.33	75.33	75.33	75.33	75.33	75.33	75.33	75.33
151	76.42	75.64	76.30	74.48	75.58	75.14	75.00	74.80	75.26	76.92	78.81	80.77	82.78	84.74	86.74
162	78.88	79.20	78.32	79.37	78.44	79.88	79.31	79.53	79.48	82.57	82.73	82.73	82.73	82.73	82.73
173	78.64	79.20	78.96	83.42	83.46	83.88	84.87	83.22	83.20	82.27	82.27	82.27	82.27	82.27	82.27
184	78.99	78.41	82.74	83.53	82.53	82.87	84.43	82.88	84.38	83.77	83.11	83.71	83.71	83.71	83.71
195	78.64	79.44	82.15	79.32	82.19	79.63	80.87	80.69	81.06	83.95	84.84	85.84	86.84	87.84	88.84
206	82.33	86.88	87.48	82.28	82.28	82.28	82.28	82.28	82.28	82.28	82.28	82.28	82.28	82.28	82.28
217	74.91	80.05	81.46	84.25	84.87	85.12	82.93	83.93	81.27	82.52	82.84	82.84	82.84	82.84	82.84
228	74.88	84.25	83.33	83.34	84.53	85.84	88.58	81.24	83.35	81.66	81.35	81.35	81.35	81.35	81.35
239	74.94	76.37	79.34	89.47	81.18	79.73	81.32	82.53	81.69	77.91	77.99	75.07	76.24	77.41	78.58
250	82.33	78.53	78.47	84.28	84.22	88.57	82.76	83.87	82.83	79.28	79.82	78.74	78.82	78.90	78.98
261	81.40	83.12	79.61	82.98	81.55	83.71	83.87	81.78	82.37	84.16	82.81	77.97	76.46	75.95	75.44
272	83.04	88.82	87.25	84.38	84.48	82.18	82.33	83.84	81.88	82.22	82.22	82.22	82.22	82.22	82.22
283	88.37	89.18	88.93	81.73	81.62	81.48	83.99	83.71	84.66	82.48	80.59	77.89	76.02	74.15	72.28
294	88.84	78.75	78.24	88.88	79.42	81.82	82.87	82.33	83.22	83.82	82.61	75.74	73.17	70.60	68.03
305	79.67	79.97	79.27	81.20	80.47	82.31	83.34	85.44	84.84	85.34	83.80	77.94	76.42	74.90	73.38
316	93.06	95.02	95.48	76.97	98.58	98.82	97.31	77.45	97.76	98.26	98.86	99.36	99.86	100.36	100.86
327	92.99	95.22	84.98	96.38	97.64	98.31	96.88	92.82	92.24	92.82	97.88	97.88	97.88	97.88	97.88
338	100.2	100.7	100.7	100.5	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8

234.11 157.1

AMBIENT TEMP. 33.82
WETBULB TEMP. 27.49
BAR. PRESSURE 20.96
ABS. HUMIDITY 2.422

FAA FAN/COMPRESSOR - PHASE 5B A 5C T/D 1/38/77 R/D 2/3/78-3

RUN 11 RDB 102 SPEED 0.182

DATE: 2/19/72

RACIAL DISTANCE 298

PAGE: 2

SCM.C PRESSURE LEVELS CIPROACTIVITY LINE

PRES. 52 63 88 108 125 148 208 319 408 508 608 808 1008 1208 1408 2008 2508 3158 4088 5088 6088 8088 10088	C.S. 18.0 22.0 32.0 42.2 58.1 67.2 72.2 82.8 92.8 102.2 112.2 122.2 132.2 142.2 152.2 162.2 172.2 182.2																	
	AVGLES FROM INLET																	
	-3.49	-4.51	-4.65	-4.74	-4.26	-3.82	-4.51	-2.34	-1.13	-0.61	1.9815	4.325	5.557					
	-6.81	-5.74	-4.41	-4.09	-4.08	-4.40	-3.04	-2.64	-1.52	1.373	2.126	4.535	9.369					
	-4.88	-5.31	-8.32	-5.18	-4.48	-3.78	-2.28	-0.33	-0.32	0.827	3.168	5.298	8.168					
	-7.44	-7.34	-6.46	-5.44	-4.46	-3.49	-2.56	-1.95	-1.672	1.309	3.107	6.211	7.248					
	-2.72	1.729	-2.29	-2.26	-2.497	2.381	-2.72	-1.43	-0.44	-1.94	2.514	1.511	3.825					
	-4.79	-2.57	-4.98	-4.38	-5.27	-1.81	-1.74	-1.27	-0.47	0.96	3.213	4.371	5.823					
	-6.87	-8.25	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32	-8.32					
	-4.82	-9.85	-6.71	-8.92	-9.08	-3.73	-2.46	1.091	1.492	0.775	4.633	6.931	3.927					
	-1.83	-1.98	-1.98	-1.76	-4.48	-1.43	-1.21	0.822	1.248	1.251	3.372	3.303	4.892					
	-1.09	-1.243	0.101	-1.22	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32					
	-1.28	-1.245	-0.95	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32					
	-3.65	-2.43	-1.74	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35					
	-4.22	-1.82	-2.49	-2.18	-3.84	-2.366	1.306	1.245	1.042	1.042	1.042	1.042	1.042					
	-4.81	-1.41	-1.92	-1.39	-0.51	-1.21	0.818	-1.59	1.118	3.999	3.213	1.985	-0.46					
	-5.38	-0.12	-0.31	3.383	2.082	3.335	1.824	-1.33	-0.12	-1.33	-0.12	-1.33	-0.12					
	-8.44	-2.38	-1.894	1.899	2.78	3.788	5.745	-1.43	-1.88	1.681	4.878	-2.89	-3.64					
	-4.57	-3.11	-1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42					
	-1.42	-2.51	-1.13	2.742	2.076	2.977	1.917	2.324	2.388	-1.75	-1.74	-2.78	-2.73					
	-4.22	-4.99	-2.26	1.331	-3.28	1.841	1.597	-0.89	4.988	2.294	9.395	-3.69	-5.38					
	-1.18	-1.44	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03					
	-1.44	-1.33	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32					
	-2.63	-2.03	-3.03	-1.62	-1.64	-1.91	1.042	3.235	2.538	5.838	6.096	-0.37	-3.69					

AMBIENT TEMP. 33.28
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FA/COMPRESSOR - PHASE 5R - 5C T/D 1/32/72 R/C 2/3/72-3

RUN#11 R08102 SPEED#6180

DATE: 2/25/77

PAGE: 1

RADIAL DISTANCE 254

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	0.2	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
52	74.84	71.49	74.15	76.97	77.25	77.59	77.11	78.95	82.24	80.79
63	73.04	74.99	77.86	77.83	77.15	78.24	78.61	75.06	82.21	84.47
82	74.31	75.23	74.48	76.84	77.51	78.88	78.28	78.84	82.14	83.82
103	75.26	75.23	76.07	78.59	79.82	80.27	81.25	82.22	83.47	84.93
125	81.21	84.52	83.77	85.57	86.81	86.23	88.28	88.34	87.37	85.23
162	78.97	81.65	82.91	82.96	82.42	83.86	85.51	84.45	85.67	84.72
208	75.84	73.17	72.44	75.18	76.16	77.68	78.12	78.94	81.49	82.83
258	72.47	69.52	69.71	70.25	73.12	75.41	77.32	78.77	80.12	79.92
315	72.34	72.58	73.83	76.28	78.21	79.42	79.14	79.18	77.54	76.28
402	76.35	76.18	78.57	76.81	78.59	79.69	79.71	78.18	77.68	78.98
502	79.84	78.87	82.37	82.78	81.58	82.64	82.68	82.68	82.12	82.92
632	79.86	82.00	81.81	83.21	84.23	84.26	85.84	85.65	84.52	84.64
802	82.93	85.76	83.48	84.58	85.89	87.40	88.51	88.22	87.83	88.22
1002	78.23	79.69	82.19	81.87	81.53	81.43	82.48	82.28	82.32	84.77
1252	82.57	88.68	87.27	88.18	82.21	88.25	88.22	88.47	83.51	84.83
1632	79.79	83.31	84.73	86.25	87.27	87.71	84.87	82.84	82.88	84.29
2082	78.25	81.48	84.38	82.57	82.54	83.45	81.37	81.82	88.52	82.64
2582	75.69	77.38	81.89	83.39	82.34	83.45	83.44	84.11	82.28	78.97
3152	81.12	78.91	78.73	83.34	83.41	88.47	83.77	84.32	84.18	88.18
4002	82.16	83.28	88.42	82.67	82.89	83.59	84.99	82.31	83.22	84.49
5002	83.19	84.07	87.12	83.18	83.52	88.23	88.74	98.93	82.14	91.23
6302	81.15	88.66	82.83	81.53	82.41	82.47	84.16	84.93	86.33	83.77
8002	82.64	88.84	75.42	79.22	79.45	82.88	82.59	85.22	84.51	83.73
10002	79.77	80.54	79.18	88.89	88.73	82.82	84.67	85.84	85.35	85.85

MEASURED DASPL	92.76	96.27	96.29	97.27	91.16	98.82	98.91	98.08	98.94	99.13	99.56	100.5	102.2
CALCULATED DASPL	93.18	95.56	95.56	96.42	97.34	98.18	97.86	98.13	98.37	98.33	98.17	98.78	102.4
PAD	106.3	106.6	120.9	109.2	109.2	111.7	111.8	112.0	112.0	112.1	120.9	127.3	108.4

0.0001

AMBIENT TEMP	53.30
WINDSPEED	27.40
BAR. PRESSURE	28.96
REL. HUMIDITY	2.972

FAA CAN/CORRECTION - PHASE 59 x 90 T/D 1/38/70 R/D 2/3/72-3

BARREL RDS183 SPEED083M

DATE: 2/15/77

PAGE: 2

RADIAL DISTANCE 298

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

		ANGLES FROM INLET																				
		2.2	18.4	22.8	38.8	48.2	52.2	62.8	72.8	88.2	98.2	102.2	112.2	122.2	132.2	148.2	152.2	162.2	172.2	182.2	192.2	202.2
FREQ:																						
52		-8.25	-8.43	-5.77	-4.95	-4.72	-4.33	-4.81	-2.97	-1.88	-1.13	1.883	4.473	9.933								
63		-9.30	-7.95	-5.86	-5.91	-5.79	-4.88	-6.22	-3.36	-2.36	-1.726	1.933	4.948	9.983								
82		-8.17	-7.48	-6.18	-5.84	-5.15	-4.78	-5.98	-2.83	-1.843	-1.367	2.218	5.487	8.485								
102		-8.76	-8.79	-7.16	-5.48	-5.81	-5.95	-5.78	-1.91	-1.924	-1.924	2.939	6.444	7.427								
122		-8.38	-8.28	-6.82	-5.23	-5.77	-5.31	-5.83	-1.256	-1.256	-1.36	1.328	3.489	5.119								
162		-5.05	-2.97	-3.71	-1.66	-2.28	-1.72	-1.892	-1.176	-1.836	-1.892	2.744	3.489	4.884								
202		-6.85	-2.04	-8.47	-4.81	-4.95	-3.48	-3.88	-1.15	-1.842	-1.322	4.187	6.828	4.782								
250		-4.31	-9.28	-9.87	-8.53	-9.56	-8.37	-1.98	-1.543	-1.543	1.528	4.849	5.795	4.953								
312		-2.19	-8.85	-2.38	-5.15	-5.67	-3.37	-5.31	-2.288	-2.189	-1.858	4.332	3.218	5.888								
402		-1.86	-1.38	-1.59	-1.39	-1.862	-1.71	-1.69	-1.23	-1.874	-1.987	2.162	2.473	4.493								
502		-2.59	-1.74	-2.364	-1.47	-2.47	-1.211	-1.83	-1.42	-1.294	-1.294	3.244	3.414	5.12								
632		-3.88	-2.17	-2.33	-1.29	-1.992	-1.221	-1.809	-1.072	-1.072	-1.072	2.036	1.924	-2.08								
802		-8.38	-2.833	-0.93	-1.82	-2.514	-1.278	-1.882	-1.887	-1.887	-1.887	2.882	3.11	-1.47								
1002		-8.71	-2.24	-1.79	-1.65	-1.435	-1.594	-1.594	-1.594	-1.594	-1.594	2.997	1.681	-1.856								
1202		-8.08	-1.12	-2.22	-2.324	-1.643	-2.038	-1.147	-2.38	-1.35	-2.72	-1.82	-1.17	-5.45								
1502		-4.56	-1.991	-4.859	-1.945	-2.944	-3.418	-1.898	-1.16	-1.38	-1.883	-1.44	-2.76	-3.39								
2002		-3.23	-2.383	-2.588	-1.837	-3.679	-3.888	-2.818	-2.32	-1.87	-1.859	-2.882	-3.11	-1.47								
2502		-4.98	-3.27	-4.41	-2.95	-1.714	-2.91	-2.795	-3.459	-1.916	-1.67	-3.17	-3.49	-3.23								
3102		-2.88	-2.49	-2.88	-1.453	-1.514	-2.162	-2.745	-2.525	-1.23	-2.22	-1.48	-2.27									
4002		-1.78	-1.959	-1.91	-1.423	-2.42	-1.331	-2.667	-1.81	-1.861	-2.621	-1.69	-3.47	-5.12								
5002		-2.13	-3.42	-1.18	-2.882	-2.78	-2.482	-3.789	-2.882	-3.843	-2.839	-3.72	-3.78	-4.33								
6302		-1.56	-2.65	-1.219	-1.18	-1.899	-1.257	-1.485	-2.824	-1.806	-1.93	-3.27	-2.79									
8002		-1.23	-1.61	-2.85	-2.45	-2.82	-1.333	-1.823	-3.548	-2.838	-2.858	-4.24	-8.45	-6.27								
10002		-8.09	-8.42	-3.36	-2.37	-1.73	-1.956	-2.11	-3.179	-2.891	-2.588	-1.383	-4.39	-3.97								

AMBIENT TEMP. 31.82
MET-BULB TEMP. 27.49
BAR. PRESSURE 28.84
ASS. HUMIDITY 2.472

FAA FAY/COMPRESSOR - PHASE 98 - 5C T/D 1/32772 R/D 2/3778-3

RUN#11 RDB#103 SPEED#8387

DATE: 2/25/77

RACIAL DISTANCE 250

PAGE: 2

80 MD PRESSURE LEVELS DISCREPANCY INDEX

PRES.	ANGLES FROM INLET															
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
7000	-0.44	-0.72	-0.99	-1.25	-1.51	-1.77	-2.03	-2.29	-2.55	-2.81	-3.07	-3.33	-3.59	-3.85	-4.11	-4.37
6000	-0.81	-1.29	-1.77	-2.25	-2.73	-3.21	-3.69	-4.17	-4.65	-5.13	-5.61	-6.09	-6.57	-7.05	-7.53	-8.01
5000	-1.18	-1.86	-2.54	-3.22	-3.90	-4.58	-5.26	-5.94	-6.62	-7.30	-7.98	-8.66	-9.34	-10.02	-10.70	-11.38
4000	-1.55	-2.43	-3.31	-4.19	-5.07	-5.95	-6.83	-7.71	-8.59	-9.47	-10.35	-11.23	-12.11	-12.99	-13.87	-14.75
3000	-1.92	-3.00	-4.08	-5.16	-6.24	-7.32	-8.40	-9.48	-10.56	-11.64	-12.72	-13.80	-14.88	-15.96	-17.04	-18.12
2000	-2.29	-3.57	-4.85	-6.13	-7.41	-8.69	-9.97	-11.25	-12.53	-13.81	-15.09	-16.37	-17.65	-18.93	-20.21	-21.49
1000	-2.66	-4.14	-5.62	-7.10	-8.58	-10.06	-11.54	-13.02	-14.50	-15.98	-17.46	-18.94	-20.42	-21.90	-23.38	-24.86
0000	-3.03	-4.71	-6.39	-8.07	-9.75	-11.43	-13.11	-14.79	-16.47	-18.15	-19.83	-21.51	-23.19	-24.87	-26.55	-28.23
10000	-3.40	-5.28	-7.16	-9.04	-10.92	-12.80	-14.68	-16.56	-18.44	-20.32	-22.20	-24.08	-25.96	-27.84	-29.72	-31.60
20000	-3.77	-5.85	-7.93	-10.01	-12.09	-14.17	-16.25	-18.33	-20.41	-22.49	-24.57	-26.65	-28.73	-30.81	-32.89	-34.97
30000	-4.14	-6.42	-8.69	-10.96	-13.23	-15.50	-17.77	-20.04	-22.31	-24.58	-26.85	-29.12	-31.39	-33.66	-35.93	-38.20
40000	-4.51	-6.99	-9.46	-11.93	-14.40	-16.87	-19.34	-21.81	-24.28	-26.75	-29.22	-31.69	-34.16	-36.63	-39.10	-41.57
50000	-4.88	-7.56	-10.23	-12.80	-15.37	-17.94	-20.51	-23.08	-25.65	-28.22	-30.79	-33.36	-35.93	-38.50	-41.07	-43.64
60000	-5.25	-8.03	-10.90	-13.77	-16.44	-19.01	-21.58	-24.15	-26.72	-29.29	-31.86	-34.43	-37.00	-39.57	-42.14	-44.71
70000	-5.62	-8.60	-11.47	-14.74	-17.51	-20.08	-22.65	-25.22	-27.79	-30.36	-32.93	-35.50	-38.07	-40.64	-43.21	-45.78
80000	-5.99	-9.17	-12.04	-15.31	-18.08	-20.65	-23.22	-25.79	-28.36	-30.93	-33.50	-36.07	-38.64	-41.21	-43.78	-46.35
90000	-6.36	-9.74	-12.61	-15.88	-18.65	-21.22	-23.79	-26.36	-28.93	-31.50	-34.07	-36.64	-39.21	-41.78	-44.35	-46.92
100000	-6.73	-10.31	-13.18	-16.45	-19.22	-21.79	-24.36	-26.93	-29.50	-32.07	-34.64	-37.21	-39.78	-42.35	-44.92	-47.49

AIRBENT TEMP. 31.00
MB7-BUILD TEMP. 27.49
BAR. PRESSURE 20.00
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 90 + 90 Y/D 1/30/70 R/D 2/3/70-3

RUN#11 450-104 SPEND#0000

DATE: 2/23/72

RADIAL DISTANCE 254

SCUD PRESSURE LEVELS REDUCED AT STA. HARD DAY

FREQ.	7.0	10.0	22.0	35.0	43.0	50.0	60.0	71.0	87.0	99.0	127.0	137.0	142.0	152.0	160.0	172.0	(PUL)
50	73.34	73.55	72.57	72.44	73.62	73.32	72.22	73.99	75.26	75.99	76.55	76.55	79.33	84.88	133.7		
51	72.33	73.85	74.72	73.38	73.27	74.88	74.68	75.44	76.47	77.62	78.98	78.74	81.44	86.99	134.2		
52	49.35	71.81	71.59	71.69	72.99	73.34	73.72	74.17	75.84	77.17	78.32	82.24	83.44	83.89	135.0		
125	72.54	72.22	71.97	73.48	74.21	74.38	75.18	76.28	77.23	78.58	79.71	81.58	83.89	84.04	135.5		
126	75.11	72.79	74.49	77.82	76.51	79.72	77.61	77.78	77.24	79.73	82.27	83.25	84.04	84.11	136.2		
127	68.42	72.38	69.44	78.23	71.52	73.44	74.22	74.91	76.45	77.25	78.27	79.85	81.11	81.11	137.2		
128	68.22	67.66	67.09	68.77	69.93	71.73	73.85	75.78	74.94	75.72	76.89	79.61	77.49	77.49	137.3		
252	68.17	65.74	64.82	64.25	67.12	72.87	71.27	72.29	72.18	73.86	77.24	78.25	78.25	78.25	137.7		
315	68.93	72.13	69.92	66.37	67.28	68.19	68.23	68.81	72.80	69.46	71.91	76.82	72.59	72.59	138.4		
434	71.23	71.86	73.74	71.31	72.68	72.52	74.29	76.74	71.57	73.34	73.48	72.89	73.23	73.23	139.1		
523	75.4	75.24	75.40	74.99	75.54	76.72	75.16	74.97	75.12	76.62	77.93	74.85	72.49	72.49	139.8		
532	74.45	77.74	76.08	78.28	79.12	79.86	81.41	78.34	78.21	79.18	81.83	78.34	78.13	78.13	140.0		
882	74.20	76.42	75.44	74.94	74.99	76.67	78.39	78.13	80.46	82.16	82.94	76.88	77.54	77.54	140.8		
1282	75.37	78.11	77.02	74.33	74.12	74.44	74.28	75.17	77.23	78.34	78.89	77.33	75.37	75.37	140.9		
1282	68.10	82.66	80.39	89.42	79.67	88.44	79.72	78.32	79.51	82.33	79.78	76.58	75.46	75.46	141.3		
1282	78.25	88.82	70.74	78.72	78.11	81.52	74.33	78.88	81.27	82.07	81.38	74.82	74.81	74.81	142.2		
2022	77.84	83.77	82.75	76.98	75.87	88.92	77.38	77.85	77.93	80.76	82.07	74.34	74.41	74.41	143.1		
2532	78.48	77.75	78.13	77.13	78.87	77.48	82.93	82.29	82.22	78.14	77.84	74.54	74.44	74.44	143.2		
3152	81.23	79.29	77.26	73.76	73.63	79.42	83.61	84.74	85.92	81.32	83.85	78.23	72.67	72.67	143.4		
4322	82.99	84.22	84.43	87.14	85.68	88.78	88.81	88.84	87.22	87.28	85.94	82.38	82.38	82.38	143.5		
5082	84.31	89.22	86.64	92.88	88.99	92.29	88.99	98.32	89.85	89.85	88.22	81.45	81.18	81.18	144.4		
4322	78.82	82.44	82.53	82.58	83.39	88.44	83.28	88.44	88.11	82.28	78.87	78.44	77.23	77.23	145.6		
4322	79.35	83.56	78.93	78.76	79.74	81.25	82.33	83.08	84.54	84.97	83.56	76.37	74.54	74.54	145.9		
8822	76.95	81.55	82.87	81.98	82.39	82.57	83.23	84.22	85.18	85.22	84.32	78.99	77.39	77.39	146.2		
12822	91.35	94.21	93.33	94.28	93.51	95.89	94.13	95.84	92.74	95.29	95.27	93.46	94.92	94.92	146.3		
MEASURED GASPL	91.44	94.93	93.43	94.59	93.74	95.93	94.33	95.81	96.26	95.72	95.21	92.12	93.74	93.74	146.4		
CALCULATE GASPL	185.0	145.7	128.3	129.4	125.5	112.8	117.1	110.5	110.1	109.2	108.2	105.2	105.2	105.2	146.5		

2AP-11 155.8

AMBIENT TEMP 33.82
MET-BUILD TEMP 27.49
BAR. PRESSURE 29.08
ABS. HUMIDITY 2.472

FAA FA"/COMPRESSOR - PHASE 58 + 50 T/D 1/50/72 R/C 2/3/72-3

RUN011 W032175 S0820710

DATE: 2/26/70

PAGE: 1

RADIAL DISTANCE 250

SOUND PRESSURE LEVELS REDUCED TO STANDARD DAY

FREQ.	2.2	12.0	20.0	32.0	40.0	52.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
20	73.32	72.84	73.46	74.49	74.46	73.46	73.51	74.13	72.36	75.09	77.84	82.28	84.93	134.1							
30	72.71	72.99	73.97	75.17	74.27	74.26	75.28	75.54	75.04	76.93	78.54	81.35	85.12	134.9							
40	72.21	71.62	72.30	73.49	73.46	74.38	74.59	75.39	74.74	77.54	79.11	81.28	83.45	134.8							
100	71.23	71.82	72.44	73.83	74.72	75.11	75.92	77.13	77.66	79.15	80.42	83.14	85.28	135.8							
125	72.58	72.78	73.45	74.57	74.72	75.55	76.86	78.42	78.48	80.37	81.84	84.27	87.19	138.7							
160	71.13	72.78	74.44	75.37	73.88	74.34	74.55	75.71	77.32	78.22	80.29	80.96	83.99	134.6							
200	69.85	68.31	68.23	70.38	72.98	72.78	73.63	74.63	74.33	76.48	78.89	82.77	88.24	133.2							
250	65.85	65.52	65.73	67.51	67.59	71.97	73.36	74.52	74.78	76.99	78.47	79.35		131.4							
315	68.80	69.58	69.43	71.18	71.82	72.38	73.89	74.44						127.8							
400	72.23	73.89	73.38	74.49	72.91	72.87	72.48	74.45						131.8							
500	72.38	74.46	75.55	76.15	76.36	76.11	76.26							134.2							
630	75.37	77.79	77.37	77.93	78.53	78.69								137.8							
800	72.20	72.75	72.38	72.49	73.49	73.82	74.33	74.52	74.84	75.34	75.79	76.52		132.8							
1000	74.77	76.64	76.91	77.59	76.82	77.77	78.68	78.59	77.52	78.67	79.89	77.98	78.92	136.4							
1250	78.24	81.58	80.88	81.48	82.11	82.22	82.89	82.11	82.23	82.76	83.22	83.92		140.1							
1600	78.99	80.96	82.22	82.45	79.08	82.27	79.37	79.34	82.92	82.49	79.04	78.94		139.4							
2000	75.78	78.45	78.55	77.18	76.83	81.14	77.29	78.51	82.51	82.58	83.18	82.42		137.8							
2500	74.05	76.14	78.51	77.59	79.98	77.78	80.91	80.99	77.88	78.29	73.33	73.73		138.8							
3150	81.13	78.17	78.47	81.52	81.33	82.96	84.41	81.88	78.21	76.23	73.96			142.1							
4000	82.75	84.25	82.46	84.84	83.77	87.88	88.57	85.57	86.73	83.64	78.41	77.21		145.6							
5000	82.82	81.54	82.54	80.21	80.33	85.63	88.41	81.73	83.81	85.35	82.14	83.81		141.7							
6300	81.57	81.16	83.66	81.74	82.30	81.53	84.38		84.66	82.74	78.76	77.72	77.34	144.6							
8000	82.81	78.37	78.75	78.82	78.32	82.23	81.43		82.68	84.23	80.54	75.32	77.45	148.8							
10000	81.34	81.66	81.14	82.47	83.33	84.26	83.53	84.77	83.68	85.59	81.96	78.31	77.45	148.8							

CS2

MEASURED OASPL
CALCULATED OASPL

AMBIENT TEMP: 33.47
WET-BULB TEMP: 27.42
BAR. PRESSURE 26.96
ABS. HUMIDITY 2.472

FAA FAN COMPRESSOR - PHASE 53 + 50 T/D. 1/30/72 R/C 2/3/70-3

RUNTIME: 0000120 SPEED: 7100

60000 150.3

DATE: 2/2/72

RADIAL DISTANCE 258

PAGE: 2

SOURCE PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
52	-2.99	-3.30	-2.80	-1.02	-1.02	-1.84	-2.03	-2.18	-2.18	-2.18
63	-4.30	-4.28	-1.13	-1.33	-2.44	-2.88	-3.82	-3.18	-3.22	-3.22
82	-1.30	-4.98	-4.17	-3.07	-2.89	-2.19	-1.98	-1.10	-1.00	-1.00
122	-6.35	-6.13	-5.34	-2.84	-3.25	-2.67	-1.85	-0.81	-1.12	-1.32
123	-7.94	-7.34	-6.73	-4.81	-3.33	-3.96	-3.83	-3.88	-3.87	-4.08
162	-8.24	-8.48	-8.03	-6.63	-5.28	-4.83	-4.82	-4.88	-4.88	-4.88
202	-8.84	-8.39	-6.16	-4.81	-3.89	-2.11	-1.22	-2.09	-1.435	-1.816
242	-7.42	-7.19	-6.41	-5.38	-2.33	-1.82	-1.82	-1.82	-1.82	-1.82
312	-3.53	-3.63	-3.948	-2.85	-1.42	-1.85	-1.545	-2.049	-1.996	-1.74
412	-1.86	-4.84	-8.25	-1.64	-5.748	-5.36	-1.83	-1.33	-1.78	-1.81
503	-1.51	-1.42	-3.33	-2.67	-4.779	-2.88	-3.74	-0.81	-0.81	-0.81
632	-2.48	-1.62	-1.47	-3.12	-3.14	-3.37	-3.84	-1.37	-1.68	-1.422
802	-4.35	-0.99	-4.38	-4.16	-0.958	-1.38	-1.278	-2.441	-1.292	-3.215
1022	-2.13	-4.77	-3.15	-4.14	-3.83	-1.74	-0.47	-0.73	-0.92	-2.92
1252	-1.37	-0.48	-0.87	-1.83	-1.48	-3.58	-2.18	-0.78	-1.49	-0.95
1488	-2.18	-0.14	-2.88	-1.32	-2.88	-2.18	-2.88	-0.81	-0.81	-0.81
2052	-2.18	-0.727	-1.667	-0.81	-1.85	-3.283	-0.92	-0.86	-0.67	-2.57
2188	-2.72	-2.82	-2.82	-2.82	-1.81	-2.82	-2.86	-0.67	-2.32	-0.83
3158	-3.62	-3.33	-3.82	-2.84	-3.45	-3.38	-2.48	-3.44	-3.817	-3.817
4094	-1.71	-2.13	-2.88	-0.83	-2.78	-3.12	-1.81	-1.81	-2.48	-2.48
5088	-3.27	-1.48	-2.84	-0.45	-0.67	-5.145	-1.44	-1.88	-0.81	-0.81
6382	-3.24	-0.91	-1.515	-1.64	-2.14	-2.92	-2.18	-2.22	-2.313	-2.313
8088	-1.782	-1.42	-2.82	-1.97	-1.27	-1.585	-0.81	-0.81	-0.81	-0.81
10888	-1.33	-2.996	-1.51	-1.82	-0.88	-1.611	-0.773	-1.538	-1.285	-2.967

AMBIENT TEMP: 33.88
WET-BULB T: 24.22
BAR. PRESSURE: 28.96
AIR. HUMIDITY: 2.672

FAA FAN COMPRESSOR - PHASE 3B & 5C Y/D 1/38/72 R/D 2/3/72-3

RUN#11 REGR:2A 99EED07302

DATE: 2/26/72

RADIAL DISTANCE 250

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	7.2	18.2	28.8	38.2	48.2	52.2	67.7	73.2	88.8	99.8
52	77.47	76.26	74.46	74.91	75.31	75.64	74.95	75.98	76.52	77.26
64	77.42	72.17	77.92	74.85	77.78	78.82	77.94	78.43	77.88	78.48
82	75.16	74.44	74.24	74.22	74.97	76.12	76.27	76.82	77.64	78.58
102	74.79	73.68	73.62	73.26	73.58	74.32	74.91	75.97	76.83	77.51
125	75.89	76.85	76.26	76.37	77.08	78.18	79.16	83.44	82.22	84.95
148	73.71	72.54	71.58	71.43	74.24	75.58	75.48	77.22	78.31	79.43
172	72.89	69.85	69.41	71.42	72.24	73.31	74.74	75.78	77.24	77.61
200	71.22	68.88	67.25	68.12	68.14	71.13	73.44	74.81	74.92	75.93
232	73.58	78.97	74.45	67.81	67.82	68.76	69.14	73.86	71.85	72.66
268	77.64	73.17	74.83	72.44	73.12	73.17	72.61	71.83	72.52	75.02
308	76.64	75.58	76.49	76.13	76.66	76.79	75.87	76.19	76.89	78.72
352	78.12	78.26	79.50	81.13	82.13	81.18	78.71	81.32	81.51	81.32
400	76.27	76.67	77.24	76.47	78.58	80.23	80.63	83.16	84.56	86.22
452	76.84	76.84	76.88	77.11	76.35	76.74	76.34	76.99	78.59	82.43
508	77.94	78.48	78.43	78.38	78.61	81.48	79.24	78.95	78.24	81.88
568	75.32	77.24	76.77	77.53	77.29	79.92	79.95	77.04	77.35	79.55
632	75.32	75.12	77.97	78.78	81.24	78.45	80.42	81.27	82.26	76.94
700	88.19	76.98	75.87	82.26	83.26	86.38	82.53	83.17	83.21	79.95
772	81.89	81.92	88.38	82.54	82.85	85.17	84.24	83.48	83.28	85.18
848	87.35	98.19	98.32	89.58	88.58	94.46	87.27	91.33	88.66	92.82
928	82.42	79.85	81.23	81.42	82.38	88.72	82.29	83.47	84.18	87.12
1012	88.73	78.33	78.31	78.90	79.08	81.89	88.29	82.49	81.84	83.22
1100	82.24	81.12	81.11	83.42	83.65	84.21	84.32	84.91	84.81	86.19
1200	93.52	94.87	94.29	94.58	94.44	97.83	94.32	96.28	95.45	97.21
1312	93.13	93.74	93.97	94.29	94.29	97.84	94.18	95.99	95.25	97.28
1432	127.7	108.8	129.8	129.1	108.8	112.2	108.3	112.8	108.5	111.5

MEASURED OASPL

CALCULATED OASPL

P.O.B.

AMBIENT TEMP. 33.28

WET-BULB TEMP. 27.49

BAR. PRESSURE 24.84

A85, W-HIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5A - 5C T/D 1/32/72 3/2 2/3/72-3

RUN#11 R080127 SPEED=7987

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15815

DATE 2/26/72

SERIAL DISTANCE 258

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SC 2355.35 LEVELS DIRECTIVITY IN REY

ALUES EACH INLET

7.2 12.0 27.3 31.1 47.1 57.1 67.7 74.7 82.2 90.2 102.0 112.0 127.0 147.0 157.0 177.0 (PHL)

FEED

52	-1.54	-1.71	-1.45	-3.67	-2.67	-2.35	-3.64	-2.41	-1.46	-.927	.677	3.048	5.742
62	-1.89	-2.41	-1.64	-2.72	-3.79	-1.37	-1.81	-1.14	-1.68	-.481	1.184	3.892	7.823
82	-2.89	-3.63	-3.82	-4.24	-3.16	-1.94	-3.99	-1.24	-.427	.594	2.616	4.716	7.156
102	-4.14	-5.27	-5.31	-3.67	-3.32	-2.33	-2.22	-2.93	-.124	1.423	2.772	5.388	6.484
122	-5.84	-4.79	-5.15	-1.28	-3.77	-3.46	-2.49	1.798	.3724	3.329	1.283	3.516	5.984
142	-3.72	-2.97	-2.83	-2.27	-1.22	-1.02	-2.82	1.524	.8839	1.819	3.541	4.633	5.314
162	-3.83	-6.27	-6.51	-4.51	-3.88	-2.91	-3.16	-1.16	1.119	1.891	3.796	5.952	3.129
182	-2.92	-5.43	-8.87	-5.99	-4.96	-2.02	-.427	1.889	.7862	1.547	3.859	5.498	2.325
202	3.712	4.743	-1.23	-2.76	-2.75	-2.31	-1.43	1.295	1.286	1.2915	1.776	1.897	4.148
222	4.772	-4.25	1.234	-9.52	-4.67	7.481	-9.85	-1.74	-1.87	2.227	1.811	3.886	2.148
242	3.185	-1.615	3.589	-.284	3.217	4.639	-.465	-.149	-.333	1.689	3.456	-.486	-2.55
262	-1.21	-1.23	-7.18	8.881	8.818	1.883	8.82	3.183	1.188	1.211	1.582	5.728	8.152
282	-4.08	-4.49	-3.91	-4.69	-2.97	-.919	-.525	2.783	3.612	5.788	1.192	-1.11	-2.42
302	-2.639	-1.43	-6.12	-3.88	-1.15	2.734	-1.15	-.498	1.122	3.241	2.839	1.333	2.123
322	-2.22	1.826	3.349	7.886	6.177	3.291	1.272	3.948	-1.10	1.165	-.638	-4.49	-8.11
342	1.121	2.329	-.533	2.148	-.133	2.328	-.278	-.218	-.228	2.872	1.838	2.52	3.12
362	-2.21	-1.69	1.467	2.192	-2.89	2.613	-1.35	1.336	-.845	2.244	-.567	-3.36	-1.51
382	2.625	-3.27	-.881	6.212	2.888	-.8871	2.849	2.859	1.884	-1.41	3.12	8.98	8.22
402	-.397	-3.61	-4.73	1.489	2.666	-.213	1.948	2.576	2.414	-.639	-2.37	-3.92	-8.58
422	1.738	-7.82	-2.21	2.228	2.322	2.351	1.646	7.841	4.812	2.477	-.878	1.1	-6.21
442	-2.47	3.738	4.964	-.235	-1.32	4.586	-.235	1.213	-1.16	2.397	-.814	-6.99	-4.55
462	6.515	-1.62	1.585	-.528	9.322	-.723	8.983	2.233	2.738	4.233	-2.13	3.23	-3.84
482	6.149	-1.78	-1.88	-1.13	-.226	9.846	1.787	2.395	1.732	3.117	4.737	-9.39	-6.10
502	1.188	-2.13	-8.13	1.825	4.892	9.877	1.804	1.671	1.274	3.459	6.114	8.29	-4.04

AMBIENT TEMP. 33.22
WETBULB TEMP. 27.49
BAR. PRESSURE 29.96
ABS. HUMIDITY 2.472

FAA FAN COMPRESSOR - PHASE 23 - 30. 1/C 1/3827 R/C 2/3/72-3

RUN-11 RDS-187 SPEED-2752

SECRET - AT-STATE-NAV -

AJLES ERNANDE

	967-8	272.2 (PVL)
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MEASURED CASPL
CALCULATED CASPL
PND3

156.6

AMBIENT TEMP.	33.43
WET-BULB TEMP.	27.49
BAROMETER PRESSURE	24.94
WIND DIRECTION	2.072

[illegible]

01 101
R308124
SPEED 07727

DATE: 2/22/72

RACIAL DISTANCE 278

PAGE: 1

SOUND PRESSURE LEVELS REDUCED 1 STANDARD DAY

ANGLES FROM INLET

	2.3	10.0	22.2	32.0	47.2	52.0	60.0	71.0	85.0	92.2	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0 (PUL)
50	75.05	75.69	75.17	74.04	73.19	75.99	75.33	77.03	78.83	79.89	80.59	81.27	81.93	82.58	83.23	83.88	84.53	85.18	85.83
60	72.86	75.17	74.23	75.74	75.82	74.45	77.48	78.23	79.43	80.47	81.27	82.07	82.87	83.67	84.47	85.27	86.07	86.87	87.67
70	72.90	74.59	75.00	75.78	76.21	77.31	77.73	78.74	80.52	81.05	83.06	85.99	88.38	90.08	91.78	93.48	95.18	96.88	98.58
80	73.31	74.93	75.33	76.57	77.32	77.44	79.44	81.00	81.27	83.17	85.85	87.74	89.63	91.52	93.41	95.30	97.19	99.08	100.97
90	83.02	89.07	86.07	84.91	88.03	86.27	85.41	85.63	83.22	84.94	87.39	89.74	92.09	94.44	96.79	99.14	101.49	103.84	106.19
100	78.42	78.44	74.22	74.41	79.08	78.75	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08	78.08
110	72.81	72.16	78.03	72.79	73.07	75.93	77.33	78.38	79.65	80.77	82.08	83.39	84.70	86.01	87.32	88.63	89.94	91.25	92.56
120	78.34	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48	83.48
130	71.27	71.71	71.07	67.69	67.75	68.69	71.73	73.42	74.17	72.27	74.63	75.32	77.74	78.43	80.85	81.54	83.96	84.65	87.07
140	74.34	74.85	73.42	74.11	73.42	73.82	71.74	72.22	74.88	74.68	73.80	74.81	76.84	77.53	79.56	80.25	82.28	82.97	85.00
150	76.74	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35	78.35
160	72.87	72.85	77.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43
170	77.03	79.22	79.22	77.54	81.07	84.16	87.15	90.14	93.13	96.12	99.11	102.10	105.09	108.08	111.07	114.06	117.05	120.04	123.03
180	73.74	74.25	77.47	77.05	74.02	72.72	88.48	88.11	88.11	88.11	88.11	88.11	88.11	88.11	88.11	88.11	88.11	88.11	88.11
190	78.54	81.21	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77	82.77
200	79.24	82.21	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73	84.73
210	74.31	77.21	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72	81.72
220	88.40	83.24	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33
230	84.44	89.12	90.19	89.31	83.55	91.74	86.99	89.54	91.44	93.73	96.02	98.31	100.60	102.89	105.18	107.47	109.76	112.05	114.34
240	88.71	82.88	83.33	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71	88.71
250	88.57	88.38	79.02	79.84	78.32	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87	81.87
260	79.74	81.85	81.22	81.33	88.86	82.44	84.74	86.92	89.10	91.28	93.46	95.64	97.82	100.00	102.18	104.36	106.54	108.72	110.90
270	92.63	94.82	94.18	95.99	94.85	98.18	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75	94.75
280	92.11	95.45	95.73	95.38	96.88	97.72	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11	96.11
290	100.9	100.2	110.0	120.2	100.3	111.6	100.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5

MEASURED CASPL

CALCULATED CASPL

AMBIENT TEMP: 31.02
WET-BULB TEMP: 27.49
BAR. PRESSURE: 28.94
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 9F @ 9C W/D 1/38/77 R/D 2/3/78-3

RUN#11 RD60179 SN:ED07900

CAPULI 136.9

DATE 2/26/72

RADIAL DISTANCE 250

PAGE 1 3

SOUND PRESSURE LEVELS, DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET																		
	7.0	12.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
50	-3.90	-3.93	-4.45	-4.78	-4.42	-3.62	-4.09	-2.56	-7.63	-5.31	9025	4.454	9.412						
60	-2.69	-3.58	-4.42	-5.01	-4.03	-4.80	-3.25	-2.52	-1.33	-6.82	1.920	4.569	9.354						
80	-7.72	-6.89	-4.99	-4.90	-4.47	-3.30	-2.95	-1.94	-1.15	9030	3.179	9.389	7.781						
100	-7.96	-6.88	-6.48	-5.24	-4.40	-3.35	-2.81	-1.72	-1.33	1.353	3.253	8.125	6.933						
125	-2.77	2.677	4.772	-5.48	2.432	-1.25	-0.66	-0.59	-0.49	1.807	9.476	2.728							
150	-8.46	-8.67	-4.19	-4.32	-2.03	-2.37	-2.45	-1.13	-0.88	1.253	3.590	4.581	5.924						
200	-6.09	-7.75	-8.27	-6.16	-4.94	-2.97	-1.37	-0.24	0.961	1.339	4.878	4.448	4.289						
250	-6.82	-7.62	-7.42	-5.43	-5.69	-2.34	-1.25	-0.84	0.453	0.888	4.284	4.158	4.287						
315	-1.06	-1.627	-1.666	-0.64	-4.98	-3.63	-0.60	1.868	1.837	-0.50	2.319	2.989	5.404						
400	-1.67	-1.675	1.441	-4.16	-7.68	-1.49	-2.79	-0.25	0.473	2.878	2.349	2.288	4.139						
500	-1.08	-1.289	-1.318	3.981	-0.99	-4.11	-2.06	-1.45	0.703	2.204	4.020	1.600	1.734						
630	-2.39	-2.01	-1.83	-1.05	-0.88	-2.63	-0.73	0.438	2.172	1.481	4.211	1.848	2.122						
800	-6.65	-4.46	-4.75	-6.14	-2.81	-1.844	3.469	2.945	3.549	-1.80	1.873	1.744	2.095						
1000	-8.38	-5.88	-1.46	-5.89	-2.27	-1.37	1.564	0.751	1.217	2.689	2.581	2.549	2.855						
1250	-6.47	1.8451	5.972	2.813	3.971	4.827	-0.31	-5.34	-3.28	-2.07	2.99	4.69	6.36						
1500	-4.54	-5.68	-2.838	1.472	-0.350	0.888	1.830	-2.18	-1.80	1.140	1.107	2.17	4.08						
2000	-4.66	-1.88	2.139	2.130	2.888	3.847	-1.01	-1.88	-2.17	-0.39	1.36	3.11	3.81						
2500	-8.18	-3.43	1.874	0.881	2.332	0.673	2.525	2.858	1.592	-2.49	2.32	2.85	2.72						
3150	-2.46	-2.68	-2.66	2.643	2.829	-0.805	2.407	1.987	2.121	-1.85	2.84	2.38	2.09						
4000	-1.11	1.281	-1.44	0.867	-0.304	1.134	1.033	-0.804	0.937	2.713	0.814	2.37	2.05						
5000	-4.49	1.698	1.943	-2.44	-0.39	2.793	-1.03	0.990	2.495	4.782	1.783	2.18	4.25						
6300	-8.84	-7.12	1.733	-0.782	-0.814	-0.23	2.822	2.482	1.132	1.188	2.11	2.71							
8000	-1.96	-1.619	-1.36	-1.88	-2.08	1.473	0.803	3.847	1.936	3.298	0.192	4.77	6.08						
10000	-3.26	-1.84	-1.79	-1.67	-2.94	-0.545	1.759	1.910	2.926	3.999	0.888	2.35	4.17						

639

AMBIENT TEMP. 33.00
WET-BULB TEMP. 27.40
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.672

FAA FAN/COMPRESSOR - PHASE 50 + 20 T/D 1/38/76 R/D 2/23/78-3

RUN#11 RQ#169 SPEED#7988

DATE: 2/24/72

RADIAL DISTANCE 252

PAGE: 2

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM LALITY														
FREQ.	17.0	27.8	37.7	47.6	59.0	67.2	77.7	87.9	97.7	127.0	139.7	147.2	157.7	(PUL)
52	-4.79	-5.41	-4.54	-3.57	-3.45	-3.17	-3.64	-2.93	-3.52	-2.54	-0.794	4.407	9.133	
61	-2.87	-3.28	-2.81	-2.44	-2.36	-2.23	-2.21	-2.31	-2.31	-2.31	1.837	4.818	8.447	
80	-7.34	-6.23	-5.51	-4.59	-4.35	-3.95	-2.89	-2.34	-2.14	-2.33	2.867	5.128	8.267	
102	-2.88	-2.51	-2.52	-2.55	-2.51	-2.33	-2.49	-1.98	-1.98	-1.98	3.379	4.279	6.884	
123	-2.62	-1.271	-3.09	1.993	3.797	1.348	0.975	-2.48	-2.43	-1.93	-1.93	2.926	3.662	
144	-3.44	-1.48	-2.21	2.531	3.72	2.88	2.74	-2.31	-2.38	-2.31	2.323	4.423	5.359	
202	-6.81	-8.16	-6.22	-6.59	-5.47	-3.63	-2.33	-1.51	-1.51	-1.51	1.222	4.231	6.897	5.166
252	-2.87	-2.44	-2.12	-2.44	-2.05	-2.43	-2.22	-1.72	-1.72	-1.72	-1.72	4.321	7.323	5.611
315	-2.69	-3.20	-1.33	-2.67	-3.84	-3.69	-2.47	-1.23	-1.23	-1.23	-1.23	2.897	4.804	6.222
404	-2.12	-1.12	2.118	2.722	2.197	2.357	-2.42	-1.88	-1.88	-1.88	2.272	3.584	3.328	
502	-2.97	-2.39	-1.83	-2.27	-2.55	-2.76	-2.74	-2.81	-2.81	-2.81	1.423	4.469	-1.45	-2.21
612	-3.32	-1.88	-2.48	-2.38	-2.68	-3.49	-2.572	-2.725	-2.725	-2.725	1.497	4.422	2.231	-2.319
802	-3.55	-4.11	-1.75	-2.761	-2.28	-2.72	-1.556	-0.488	-0.488	-0.488	1.592	1.822	0.693	-2.15
1002	-4.32	-2.18	-2.12	-1.482	-1.884	-3.221	-2.42	-2.48	-2.48	-2.48	1.528	1.424	1.287	-1.31
1252	-6.42	-1.42	-1.25	-2.739	-2.731	-4.241	-2.826	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	
1482	-5.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	
2002	-4.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	-2.86	
2502	-8.12	-2.08	-3.082	-2.322	-1.558	-2.813	-2.384	-2.384	-2.384	-2.384	-2.384	-2.384	-2.384	
3198	-1.27	-2.75	-2.09	-3.189	-2.499	-0.989	-2.171	-1.704	-1.704	-1.704	-1.704	-1.704	-1.704	
4042	-4.25	-2.14	-1.81	-1.483	-2.435	-1.584	-2.272	-3.82	-3.82	-3.82	2.221	3.278	3.729	
5008	-4.29	-0.46	-1.83	-4.05	-4.43	-2.236	-1.397	-1.807	-1.807	-1.807	3.543	-0.23	-0.33	
6102	-1.38	-1.81	-2.732	-2.24	-2.343	-2.454	-1.718	-1.523	-1.523	-1.523	-1.523	-1.523	-1.523	
8008	-1.21	-1.41	-2.12	-1.43	-2.13	-0.939	-1.191	-3.289	-3.289	-3.289	2.166	3.493	-8.55	-6.47
10002	-2.77	-2.12	-2.37	-1.35	-2.79	-2.354	-1.882	-2.939	-2.939	-2.939	2.247	4.43	-4.29	

661

AMBIENT TEMP: 34.43
WETBULB TEMP: 29.23
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.843

FAA FA1/COMPRESSOR - PHASE 2R 2.25 T/O 1/30/78 R/D 2/3/78-3

RUN#11 REG#112 SPEED#112

RACIAL DISTANCE 250

DATE: 2/9/77

SOURCE PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7
50	72.59	74.89	76.48	77.29	77.72	77.75	78.81	80.11	81.63	83.81
63	74.24	75.95	77.25	78.52	79.77	79.69	79.79	80.32	81.75	84.39
82	74.69	76.19	77.63	78.93	79.43	79.94	81.12	81.81	82.88	85.45
100	75.45	76.75	78.34	79.29	80.39	81.39	81.98	82.88	84.51	86.02
125	76.18	77.17	78.48	79.48	80.14	81.33	81.98	82.88	84.51	86.02
160	76.93	77.99	79.36	79.49	80.34	81.39	81.98	82.88	84.51	86.02
200	77.42	78.42	79.32	79.32	79.32	79.32	79.32	79.32	79.32	79.32
250	77.45	78.44	79.34	79.34	79.34	79.34	79.34	79.34	79.34	79.34
312	77.48	78.47	79.37	79.37	79.37	79.37	79.37	79.37	79.37	79.37
400	77.52	78.51	79.41	79.41	79.41	79.41	79.41	79.41	79.41	79.41
500	77.55	78.54	79.44	79.44	79.44	79.44	79.44	79.44	79.44	79.44
630	77.58	78.57	79.47	79.47	79.47	79.47	79.47	79.47	79.47	79.47
800	77.61	78.60	79.50	79.50	79.50	79.50	79.50	79.50	79.50	79.50
1000	77.64	78.63	79.53	79.53	79.53	79.53	79.53	79.53	79.53	79.53
1250	77.67	78.66	79.56	79.56	79.56	79.56	79.56	79.56	79.56	79.56
1500	77.70	78.69	79.59	79.59	79.59	79.59	79.59	79.59	79.59	79.59
1750	77.73	78.72	79.62	79.62	79.62	79.62	79.62	79.62	79.62	79.62
2000	77.76	78.75	79.65	79.65	79.65	79.65	79.65	79.65	79.65	79.65
2250	77.79	78.78	79.68	79.68	79.68	79.68	79.68	79.68	79.68	79.68
2500	77.82	78.81	79.71	79.71	79.71	79.71	79.71	79.71	79.71	79.71
2750	77.85	78.84	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74
3000	77.88	78.87	79.77	79.77	79.77	79.77	79.77	79.77	79.77	79.77
3250	77.91	78.90	79.80	79.80	79.80	79.80	79.80	79.80	79.80	79.80
3500	77.94	78.93	79.83	79.83	79.83	79.83	79.83	79.83	79.83	79.83
3750	77.97	78.96	79.86	79.86	79.86	79.86	79.86	79.86	79.86	79.86
4000	78.00	78.99	79.89	79.89	79.89	79.89	79.89	79.89	79.89	79.89
4250	78.03	79.02	79.92	79.92	79.92	79.92	79.92	79.92	79.92	79.92
4500	78.06	79.05	79.95	79.95	79.95	79.95	79.95	79.95	79.95	79.95
4750	78.09	79.08	79.98	79.98	79.98	79.98	79.98	79.98	79.98	79.98
5000	78.12	79.11	80.01	80.01	80.01	80.01	80.01	80.01	80.01	80.01
5250	78.15	79.14	80.04	80.04	80.04	80.04	80.04	80.04	80.04	80.04
5500	78.18	79.17	80.07	80.07	80.07	80.07	80.07	80.07	80.07	80.07
5750	78.21	79.20	80.10	80.10	80.10	80.10	80.10	80.10	80.10	80.10
6000	78.24	79.23	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13
6250	78.27	79.26	80.16	80.16	80.16	80.16	80.16	80.16	80.16	80.16
6500	78.30	79.29	80.19	80.19	80.19	80.19	80.19	80.19	80.19	80.19
6750	78.33	79.32	80.22	80.22	80.22	80.22	80.22	80.22	80.22	80.22
7000	78.36	79.35	80.25	80.25	80.25	80.25	80.25	80.25	80.25	80.25
7250	78.39	79.38	80.28	80.28	80.28	80.28	80.28	80.28	80.28	80.28
7500	78.42	79.41	80.31	80.31	80.31	80.31	80.31	80.31	80.31	80.31
7750	78.45	79.44	80.34	80.34	80.34	80.34	80.34	80.34	80.34	80.34
8000	78.48	79.47	80.37	80.37	80.37	80.37	80.37	80.37	80.37	80.37
8250	78.51	79.50	80.40	80.40	80.40	80.40	80.40	80.40	80.40	80.40
8500	78.54	79.53	80.43	80.43	80.43	80.43	80.43	80.43	80.43	80.43
8750	78.57	79.56	80.46	80.46	80.46	80.46	80.46	80.46	80.46	80.46
9000	78.60	79.59	80.49	80.49	80.49	80.49	80.49	80.49	80.49	80.49
9250	78.63	79.62	80.52	80.52	80.52	80.52	80.52	80.52	80.52	80.52
9500	78.66	79.65	80.55	80.55	80.55	80.55	80.55	80.55	80.55	80.55
9750	78.69	79.68	80.58	80.58	80.58	80.58	80.58	80.58	80.58	80.58
10000	78.72	79.71	80.61	80.61	80.61	80.61	80.61	80.61	80.61	80.61

MEASURED CASPL

CALCULATED CASPL

PAGE

OAP.11

157.5

AMBIENT TEMP: 34.2

WIND-BL. TEMP: 28.27

BAR. PRESSURE 29.94

ABS. HUMIDITY 2.803

FAA CALCULATED PRESSURE 28.2 TO 7/2/34/22. SEA 2/1/77-3

QUANTITY 3.3012

SELESTREX

DATE: 2/21/72

RADIAL DISTANCE 154

PAGE: 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET

(PWL)

	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
FREQ.	75.03	69.22	65.62	65.22	67.11	66.00	67.50	68.40	70.31	69.50	71.16	70.95	74.32	122.7					
50	75.22	72.49	69.44	65.42	62.46	61.48	63.48	64.48	66.48	67.48	69.48	70.48	72.48	122.7					
60	73.54	66.34	64.74	63.59	63.49	63.61	60.59	60.86	60.86	60.77	61.66	62.32	73.79	122.7					
80	71.42	68.21	66.35	65.65	67.75	67.47	68.10	70.81	71.73	72.19	70.85	71.81	72.87	122.7					
100	74.35	65.53	65.44	65.96	66.21	72.50	67.79	68.10	69.59	69.80	70.79	71.17	71.88	122.7					
120	67.30	64.65	62.41	65.86	66.34	68.23	67.43	68.84	70.37	69.43	68.56	68.91	68.88	122.7					
140	64.49	63.93	62.74	62.79	61.79	63.98	62.79	64.33	65.96	65.87	66.48	66.34	66.31	122.7					
160	62.44	63.13	63.37	63.34	63.31	61.74	61.26	62.99	63.33	63.16	63.17	63.17	63.17	122.7					
180	67.78	70.26	69.26	68.50	66.79	67.69	68.89	69.87	70.36	70.79	71.57	72.64	72.77	122.7					
200	72.22	72.44	72.39	70.94	69.84	69.84	70.84	71.33	72.83	73.25	74.15	75.07	75.37	122.7					
220	72.77	71.79	72.04	69.71	71.93	71.86	72.11	73.11	74.04	74.29	75.01	74.95	73.81	122.7					
240	69.81	71.82	68.37	72.14	70.24	68.55	70.34	70.34	71.13	71.87	72.45	72.45	71.45	122.7					
260	75.43	70.25	77.23	74.61	73.55	73.60	73.82	74.63	76.58	76.91	77.71	77.66	73.85	122.7					
280	70.31	70.82	70.58	70.87	72.55	74.74	72.33	70.82	70.87	70.83	71.79	71.79	71.79	122.7					
300	78.49	81.14	80.86	78.63	79.50	78.69	78.67	78.92	79.71	79.19	80.49	79.34	79.63	122.7					
320	79.23	81.21	78.81	78.22	77.24	78.44	79.32	79.47	80.86	80.15	80.44	78.44	78.16	122.7					
340	79.50	80.47	78.83	78.33	77.26	78.57	78.87	78.95	80.60	79.59	80.17	78.31	79.16	122.7					
360	82.55	79.73	82.51	80.92	80.65	77.32	77.81	78.45	82.38	82.77	83.35	82.11	77.21	122.7					
380	80.70	87.49	91.86	93.84	90.11	93.89	87.69	90.54	93.93	92.94	91.12	88.15	89.48	122.7					
400	84.32	83.78	81.23	83.18	80.95	82.48	83.16	84.43	85.78	83.81	85.52	80.88	78.32	122.7					
420	80.54	81.12	83.89	79.78	80.79	81.08	79.61	82.02	82.19	82.79	82.23	79.18	79.29	122.7					
440	80.20	82.11	84.48	83.57	83.35	83.88	82.42	84.48	82.09	87.34	85.92	84.19	81.49	122.7					
460	83.71	81.10	81.44	79.27	81.05	77.03	78.62	80.36	81.58	80.08	83.84	78.27	78.19	122.7					
480	82.10	82.33	81.49	81.35	84.78	78.82	77.97	78.11	82.45	81.72	80.18	79.58	78.04	122.7					
500	84.10	92.72	94.57	96.45	95.10	91.71	93.25	95.82	97.49	96.74	96.84	93.78	91.92	122.7					
520	94.23	93.25	94.42	95.77	94.13	90.72	92.22	94.12	96.75	95.93	95.11	92.83	90.61	122.7					
540	125.9	124.1	109.9	111.4	109.2	105.3	107.5	109.7	112.3	111.6	110.6	108.2	109.0	122.7					

00PWL 140.3

ANGLE TEMP. 34.49
MET-BULB TEMP. 31.49
BAR. PRESSURE 28.95
ABS. HUMIDITY 3.864

FAA FAN/COMPRESSOR - PHASE 98 + 50 - /D 1/27/72 R/D 1/30/70-3

WU:011 R00001 SPEED:5200

DATE: 2/1/72

PAGE: 2

RADIAL DISTANCE 150

SC-1 PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	ANGLES FROM INLET											
	2.8	12.8	24.8	38.7	48.2	58.2	68.2	78.2	88.2	98.2	108.2	118.2
52	0.222	-0.384	-0.59	-0.78	-0.94	-1.08	-1.21	-1.33	-1.44	-1.54	-1.64	-1.74
63	0.062	0.039	-0.42	-0.69	-0.94	-1.18	-1.42	-1.66	-1.90	-2.14	-2.38	-2.62
88	0.243	-0.37	-0.58	-0.78	-0.98	-1.18	-1.38	-1.58	-1.78	-1.98	-2.18	-2.38
108	0.179	-0.22	-0.48	-0.74	-1.00	-1.26	-1.52	-1.78	-2.04	-2.30	-2.56	-2.82
123	0.172	-0.44	-0.54	-0.81	-1.08	-1.35	-1.62	-1.89	-2.16	-2.43	-2.70	-2.97
140	-0.242	-0.99	-1.22	-1.78	-2.04	-2.31	-2.58	-2.85	-3.12	-3.39	-3.66	-3.93
160	-0.374	-1.01	-1.38	-1.84	-2.11	-2.38	-2.65	-2.92	-3.19	-3.46	-3.73	-4.00
180	-0.443	-1.06	-1.43	-1.89	-2.16	-2.43	-2.70	-2.97	-3.24	-3.51	-3.78	-4.05
200	-0.571	-1.22	-1.59	-2.05	-2.32	-2.59	-2.86	-3.13	-3.40	-3.67	-3.94	-4.21
220	-0.698	-1.34	-1.71	-2.17	-2.44	-2.71	-2.98	-3.25	-3.52	-3.79	-4.06	-4.33
240	-0.819	-1.54	-1.91	-2.37	-2.64	-2.91	-3.18	-3.45	-3.72	-3.99	-4.26	-4.53
260	-0.942	-1.71	-2.08	-2.51	-2.78	-3.05	-3.32	-3.59	-3.86	-4.13	-4.40	-4.67
280	-1.065	-1.88	-2.25	-2.68	-2.95	-3.22	-3.49	-3.76	-4.03	-4.30	-4.57	-4.84
300	-1.188	-2.00	-2.37	-2.80	-3.07	-3.34	-3.61	-3.88	-4.15	-4.42	-4.69	-4.96
320	-1.311	-2.12	-2.49	-2.92	-3.19	-3.46	-3.73	-4.00	-4.27	-4.54	-4.81	-5.08
340	-1.434	-2.24	-2.61	-3.04	-3.31	-3.58	-3.85	-4.12	-4.39	-4.66	-4.93	-5.20
360	-1.557	-2.36	-2.73	-3.16	-3.43	-3.70	-3.97	-4.24	-4.51	-4.78	-5.05	-5.32
380	-1.680	-2.48	-2.85	-3.28	-3.55	-3.82	-4.09	-4.36	-4.63	-4.90	-5.17	-5.44
400	-1.803	-2.60	-2.97	-3.40	-3.67	-3.94	-4.21	-4.48	-4.75	-5.02	-5.29	-5.56
420	-1.926	-2.72	-3.09	-3.52	-3.79	-4.06	-4.33	-4.60	-4.87	-5.14	-5.41	-5.68
440	-2.049	-2.84	-3.21	-3.64	-3.91	-4.18	-4.45	-4.72	-4.99	-5.26	-5.53	-5.80
460	-2.172	-2.96	-3.33	-3.76	-4.03	-4.30	-4.57	-4.84	-5.11	-5.38	-5.65	-5.92
480	-2.295	-3.08	-3.45	-3.88	-4.15	-4.42	-4.69	-4.96	-5.23	-5.50	-5.77	-6.04
500	-2.418	-3.20	-3.57	-4.00	-4.27	-4.54	-4.81	-5.08	-5.35	-5.62	-5.89	-6.16
520	-2.541	-3.32	-3.69	-4.12	-4.39	-4.66	-4.93	-5.20	-5.47	-5.74	-6.01	-6.28
540	-2.664	-3.44	-3.81	-4.24	-4.51	-4.78	-5.05	-5.32	-5.59	-5.86	-6.13	-6.40
560	-2.787	-3.56	-3.93	-4.36	-4.63	-4.90	-5.17	-5.44	-5.71	-5.98	-6.25	-6.52
580	-2.910	-3.68	-4.05	-4.48	-4.75	-5.02	-5.29	-5.56	-5.83	-6.10	-6.37	-6.64
600	-3.033	-3.80	-4.17	-4.60	-4.87	-5.14	-5.41	-5.68	-5.95	-6.22	-6.49	-6.76
620	-3.156	-3.92	-4.29	-4.72	-4.99	-5.26	-5.53	-5.80	-6.07	-6.34	-6.61	-6.88
640	-3.279	-4.04	-4.41	-4.84	-5.11	-5.38	-5.65	-5.92	-6.19	-6.46	-6.73	-7.00
660	-3.402	-4.16	-4.53	-4.96	-5.23	-5.50	-5.77	-6.04	-6.31	-6.58	-6.85	-7.12
680	-3.525	-4.28	-4.65	-5.08	-5.35	-5.62	-5.89	-6.16	-6.43	-6.70	-6.97	-7.24
700	-3.648	-4.40	-4.77	-5.20	-5.47	-5.74	-6.01	-6.28	-6.55	-6.82	-7.09	-7.36
720	-3.771	-4.52	-4.89	-5.32	-5.59	-5.86	-6.13	-6.40	-6.67	-6.94	-7.21	-7.48
740	-3.894	-4.64	-5.01	-5.44	-5.71	-5.98	-6.25	-6.52	-6.79	-7.06	-7.33	-7.60
760	-4.017	-4.76	-5.13	-5.56	-5.83	-6.10	-6.37	-6.64	-6.91	-7.18	-7.45	-7.72
780	-4.140	-4.88	-5.25	-5.68	-5.95	-6.22	-6.49	-6.76	-7.03	-7.30	-7.57	-7.84
800	-4.263	-4.99	-5.37	-5.80	-6.07	-6.34	-6.61	-6.88	-7.15	-7.42	-7.69	-7.96
820	-4.386	-5.11	-5.49	-5.92	-6.19	-6.46	-6.73	-7.00	-7.27	-7.54	-7.81	-8.08
840	-4.509	-5.23	-5.61	-6.04	-6.31	-6.58	-6.85	-7.12	-7.39	-7.66	-7.93	-8.20
860	-4.632	-5.35	-5.73	-6.16	-6.43	-6.70	-6.97	-7.24	-7.51	-7.78	-8.05	-8.32
880	-4.755	-5.47	-5.85	-6.28	-6.55	-6.82	-7.09	-7.36	-7.63	-7.90	-8.17	-8.44
900	-4.878	-5.59	-5.97	-6.40	-6.67	-6.94	-7.21	-7.48	-7.75	-8.02	-8.29	-8.56
920	-4.999	-5.71	-6.09	-6.52	-6.79	-7.06	-7.33	-7.60	-7.87	-8.14	-8.41	-8.68
940	-5.122	-5.83	-6.21	-6.64	-6.91	-7.18	-7.45	-7.72	-7.99	-8.26	-8.53	-8.80
960	-5.245	-5.95	-6.33	-6.76	-7.03	-7.30	-7.57	-7.84	-8.11	-8.38	-8.65	-8.92
980	-5.368	-6.07	-6.45	-6.88	-7.15	-7.42	-7.69	-7.96	-8.23	-8.50	-8.77	-9.04
1000	-5.491	-6.19	-6.57	-7.00	-7.27	-7.54	-7.81	-8.08	-8.35	-8.62	-8.89	-9.16

C67

AMBIENT TEMP. 34.49
WET-BULB TEMP. 31.49
BAR. PRESSURE 28.97
ABS. HUMIDITY 3.084

FAA FAN/SC-PRESSOR - PHASE 1.9 + SC 1/D 1/27/72 R/D 1/38/78-3

RUN#12 MD#001 SP#SD#500P

RADIAL DISTANCE 150

DATE: 2/1/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET															
	2.0	10.0	22.2	32.2	40.0	52.0	60.0	72.0	80.0	92.0	100.0	110.0	120.0	130.0	140.0	150.0
50	73.51	72.56	68.15	68.35	69.78	69.57	71.25	70.96	72.95	71.05	74.11	75.52	77.82	124.9		
63	69.13	77.58	67.18	67.97	69.37	68.18	71.38	71.42	71.97	72.30	73.75	73.79	76.77	125.3		
80	62.32	66.78	66.41	67.11	68.02	68.83	70.41	70.82	71.87	72.84	73.44	74.87	76.56	125.7		
100	69.39	70.14	68.88	69.36	68.59	70.48	71.81	72.62	74.24	73.14	75.63	75.39	77.51	124.4		
125	67.71	67.13	66.61	67.43	67.93	72.08	70.34	71.88	71.92	71.98	72.99	73.78	74.84	122.5		
140	65.23	65.74	65.53	65.54	66.81	68.89	69.71	70.88	71.82	70.99	71.39	71.28	72.32	121.4		
160	64.48	65.42	65.92	64.07	67.08	66.94	68.83	67.58	67.81	68.18	70.99	70.99	72.45	119.1		
200	62.49	64.76	64.73	64.75	62.31	63.39	63.91	64.07	64.13	67.12	67.93	69.89	69.19	125.1		
250	68.92	71.88	71.85	68.91	67.88	69.83	70.35	71.09	71.19	73.58	74.33	75.51	75.24	120.9		
315	72.80	74.96	74.72	72.47	71.88	73.87	75.14	75.67	76.34	77.16	77.63	78.32	77.18	120.9		
400	72.61	74.82	72.94	72.27	74.34	74.14	75.59	75.71	76.31	76.93	77.74	77.71	75.74	120.9		
500	71.84	72.62	71.89	71.66	72.46	72.95	72.65	72.99	73.39	73.81	74.79	73.99	73.85	120.9		
630	70.22	70.84	72.89	75.43	74.48	74.84	74.48	74.81	77.42	77.13	78.54	78.16	78.41	120.9		
800	61.92	61.33	60.41	70.34	70.89	70.31	70.87	70.88	70.99	81.99	81.99	81.99	81.99	120.9		
1000	61.27	62.09	60.85	60.96	60.29	60.29	61.98	61.98	61.98	62.29	62.29	62.29	62.29	120.9		
1250	61.39	62.55	60.97	60.80	60.80	60.80	61.98	61.98	61.98	62.29	62.29	62.29	62.29	120.9		
1500	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
1750	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
2000	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
2500	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
3150	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
4000	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
5000	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
6300	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
8000	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		
10000	61.89	61.46	60.29	62.44	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	62.69	120.9		

MEASURED CASPL	96.69	96.50	96.26	96.38	97.27	94.10	96.02	96.74	96.78	97.59	97.79	94.94	93.83
CALCULATED CASPL	95.96	95.78	95.55	95.68	96.57	93.28	95.18	96.85	98.08	97.82	96.19	94.83	92.58
PN02	110.8	110.7	110.15	110.8	111.6	107.9	110.4	110.9	113.1	112.2	112.2	109.2	107.7

0APML

150.9

AMBIENT TEMP 34.49
 WET-BULB TEMP 31.49
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.984

FAA FAN/COMPRESSOR - PHASE 1B + 2C Y/D 1/27/78 H/D 1/30/78-3

RUN#11 RUN#82 SPEED=5532

DATE: 2/1/70

PAGE: 2

RADIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
52	1.948	1.996	2.042	2.088	2.134	2.180	2.226	2.272	2.318	2.364	2.410	2.456	2.502	2.548	2.594	2.640	2.686	2.732	2.778
63	2.044	2.090	2.136	2.182	2.228	2.274	2.320	2.366	2.412	2.458	2.504	2.550	2.596	2.642	2.688	2.734	2.780	2.826	2.872
80	2.140	2.186	2.232	2.278	2.324	2.370	2.416	2.462	2.508	2.554	2.600	2.646	2.692	2.738	2.784	2.830	2.876	2.922	2.968
100	2.236	2.282	2.328	2.374	2.420	2.466	2.512	2.558	2.604	2.650	2.696	2.742	2.788	2.834	2.880	2.926	2.972	3.018	3.064
125	2.332	2.378	2.424	2.470	2.516	2.562	2.608	2.654	2.700	2.746	2.792	2.838	2.884	2.930	2.976	3.022	3.068	3.114	3.160
160	2.428	2.474	2.520	2.566	2.612	2.658	2.704	2.750	2.796	2.842	2.888	2.934	2.980	3.026	3.072	3.118	3.164	3.210	3.256
200	2.524	2.570	2.616	2.662	2.708	2.754	2.800	2.846	2.892	2.938	2.984	3.030	3.076	3.122	3.168	3.214	3.260	3.306	3.352
250	2.620	2.666	2.712	2.758	2.804	2.850	2.896	2.942	2.988	3.034	3.080	3.126	3.172	3.218	3.264	3.310	3.356	3.402	3.448
315	2.716	2.762	2.808	2.854	2.900	2.946	2.992	3.038	3.084	3.130	3.176	3.222	3.268	3.314	3.360	3.406	3.452	3.498	3.544
400	2.812	2.858	2.904	2.950	2.996	3.042	3.088	3.134	3.180	3.226	3.272	3.318	3.364	3.410	3.456	3.502	3.548	3.594	3.640
500	2.908	2.954	3.000	3.046	3.092	3.138	3.184	3.230	3.276	3.322	3.368	3.414	3.460	3.506	3.552	3.598	3.644	3.690	3.736
630	2.996	3.042	3.088	3.134	3.180	3.226	3.272	3.318	3.364	3.410	3.456	3.502	3.548	3.594	3.640	3.686	3.732	3.778	3.824
800	3.084	3.130	3.176	3.222	3.268	3.314	3.360	3.406	3.452	3.498	3.544	3.590	3.636	3.682	3.728	3.774	3.820	3.866	3.912
1000	3.172	3.218	3.264	3.310	3.356	3.402	3.448	3.494	3.540	3.586	3.632	3.678	3.724	3.770	3.816	3.862	3.908	3.954	4.000

AMBIENT TEMP. 34.40
WET-BULB TEMP. 31.40
BAR. PRESSURE 28.95
ABS. HUMIDITY 3.884

FAA FAN/COMPRESSOR - PHASE 50 + 5C T/D 1/27/70 R/D 1/30/70-3

RUN=11 RGM=2 SPEC=9992

RADIAL DISTANCE 152

DATE: 2/21/72

SOLVD PRESSURE LEVELS REDUCED AT STANDARD DAY

		ANGLES FROM INLET																		
		2.8	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
FREQ.		72.85	74.58	76.15	77.58	78.85	80.05	81.15	82.15	83.05	83.75	84.25	84.65	84.95	85.15	85.25	85.35	85.45	85.55	85.65
52		68.07	77.91	86.22	92.68	97.69	101.69	105.18	108.15	110.58	112.45	113.75	114.45	115.05	115.55	115.95	116.25	116.45	116.55	116.65
63		68.82	78.14	85.44	91.87	96.87	100.87	104.36	107.33	109.76	111.63	112.93	113.63	114.23	114.73	115.13	115.43	115.63	115.73	115.83
74		72.41	81.99	88.27	93.75	97.75	101.75	105.24	108.21	110.64	112.51	113.81	114.51	115.11	115.61	116.01	116.31	116.51	116.61	116.71
102		68.32	77.44	84.74	91.17	96.17	100.17	103.66	106.63	109.06	110.93	112.23	112.93	113.53	114.03	114.43	114.73	114.93	115.03	115.13
125		66.11	75.23	82.53	88.96	93.96	97.96	101.45	104.42	106.85	108.72	110.02	110.72	111.32	111.82	112.22	112.52	112.72	112.82	112.92
142		62.36	71.48	78.78	85.21	89.21	93.21	96.70	100.67	104.16	107.13	109.56	111.43	112.73	113.43	114.03	114.53	114.93	115.13	115.23
200		62.81	71.93	79.23	85.66	89.66	93.66	97.15	101.12	104.61	107.58	109.91	111.78	113.08	113.78	114.38	114.88	115.28	115.48	115.58
250		74.24	83.36	90.66	97.09	102.09	106.09	109.58	112.55	115.08	117.05	118.45	119.35	120.05	120.65	121.15	121.55	121.85	122.05	122.15
310		73.08	82.20	89.50	95.93	100.93	104.93	108.42	111.39	113.82	115.79	117.19	118.09	118.79	119.29	119.69	119.99	120.19	120.29	120.39
382		73.29	82.41	89.71	96.14	101.14	105.14	108.63	111.60	114.03	115.90	117.30	118.20	118.90	119.40	119.80	120.10	120.30	120.40	120.50
432		74.42	83.54	90.84	97.27	102.27	106.27	109.76	112.73	115.16	117.03	118.43	119.33	119.93	120.43	120.83	121.13	121.33	121.43	121.53
481		81.93	91.05	98.35	104.78	109.78	113.78	117.27	120.24	122.67	124.54	125.94	126.84	127.44	127.94	128.34	128.64	128.84	128.94	129.04
1000		82.41	91.53	98.83	105.26	110.26	114.26	117.75	120.72	123.15	125.02	126.42	127.32	127.92	128.42	128.82	129.12	129.32	129.42	129.52
1250		82.85	91.97	99.27	105.70	110.70	114.70	118.19	121.16	123.59	125.46	126.86	127.76	128.36	128.86	129.26	129.56	129.76	129.86	129.96
1600		82.16	91.28	98.58	105.01	110.01	114.01	117.50	120.47	122.90	124.77	126.17	127.07	127.67	128.17	128.57	128.87	129.07	129.17	129.27
2000		82.77	91.89	99.19	105.62	110.62	114.62	118.11	121.08	123.51	125.38	126.78	127.68	128.28	128.78	129.18	129.48	129.68	129.78	129.88
2500		83.39	92.51	99.81	106.24	111.24	115.24	118.73	121.70	124.13	126.00	127.40	128.30	128.90	129.40	129.80	130.10	130.30	130.40	130.50
3150		93.67	102.79	110.09	116.52	121.52	125.52	129.01	131.98	134.41	136.28	137.68	138.58	139.18	139.68	140.08	140.38	140.58	140.68	140.78
4000		83.18	92.30	99.60	106.03	111.03	115.03	118.52	121.49	123.92	125.79	127.19	128.09	128.69	129.19	129.59	129.89	130.09	130.19	130.29
5000		86.02	95.14	102.44	108.87	113.87	117.87	121.36	124.33	126.76	128.63	129.93	130.83	131.43	131.93	132.33	132.63	132.83	132.93	133.03
6000		89.44	98.56	105.86	112.29	117.29	121.29	124.78	127.75	130.18	132.05	133.45	134.35	134.95	135.45	135.85	136.15	136.35	136.45	136.55
10000		89.99	99.11	106.41	112.84	117.84	121.84	125.33	128.30	130.73	132.60	134.00	134.90	135.50	136.00	136.40	136.70	136.90	137.00	137.10
12000		87.94	97.06	104.36	110.79	115.79	119.79	123.28	126.25	128.68	130.55	131.95	132.85	133.45	133.95	134.35	134.65	134.85	134.95	135.05
MEASURED CASPL		92.41	97.20	96.17	97.16	97.40	94.74	94.94	98.89	92.74	98.28	97.71	92.72	93.42						
CALCULATED CASPL		112.4	112.5	116.9	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
PVDB		OAPML: 132.4																		

670

AMBIENT TEMP. 34.49
 METEOR. TEMP. 31.49
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.804

FAN FAN/CMPRESSOR - PHASE 29.2 SE T/P 1/21/72 R/D 1/30/70-3

RUN 11 SPEED=3752

2/1/72

RADIAL DISTANCE 192

PAGE 1 2

SEA C PRESSURE LEVELS DIRECTIVITY INDEX

FREZ	ANGLES FROM INLET											
	0	10	20	30	40	50	60	70	80	90	100	110
52	-4.92	-4.28	-4.23	-4.33	-4.28	-4.28	-4.28	-4.28	-4.28	-4.28	-4.28	-4.28
63	-4.37	-4.07	-4.01	-4.07	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03
88	-4.29	-4.08	-4.07	-4.13	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03	-4.03
108	-4.26	-4.07	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08
128	-4.04	-4.22	-4.08	-4.01	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08	-4.08
168	-3.97	-3.13	-3.06	-3.05	-3.09	-3.09	-3.09	-3.09	-3.09	-3.09	-3.09	-3.09
208	-2.82	-4.97	-1.79	-2.62	-2.71	-2.71	-2.71	-2.71	-2.71	-2.71	-2.71	-2.71
250	-4.94	-1.73	-2.38	-2.21	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91	-3.91
312	-3.14	-1.19	-1.44	-2.38	-4.27	-4.27	-4.27	-4.27	-4.27	-4.27	-4.27	-4.27
408	-1.91	-0.79	-4.73	-1.51	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49	-3.49
508	-2.27	-0.49	-2.23	-2.28	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
608	-1.93	-2.69	-1.41	-1.29	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17
808	-1.93	-2.19	-0.84	-1.24	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38
1208	-1.56	-1.54	-0.82	-1.14	-1.09	-0.96	-0.96	-0.96	-0.96	-0.96	-0.96	-0.96
1258	-1.23	-1.64	-1.95	-1.33	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36
1688	-1.63	-1.71	-1.95	-1.33	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36	-1.36
2088	-2.34	-1.58	-2.02	-1.43	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78
2588	-1.92	-1.87	-1.94	-1.71	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97
3188	-2.24	-1.49	-1.26	-1.26	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63
4788	-0.43	-0.42	-2.18	-1.98	-2.97	-2.97	-2.97	-2.97	-2.97	-2.97	-2.97	-2.97
5288	-1.76	-0.99	-1.31	-1.79	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39
6388	-2.11	-2.09	-1.47	-1.22	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
8888	-2.28	-1.94	-1.44	-1.74	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21
10888	-1.25	-1.29	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31

071

AMBIENT TEMP 34.49
WET-BULB TEMP 77.49
BAR PRESSURE 29.95
ABC - 10111 3.884

FAA FAULT COMPRESSOR - PHASE 58 + 50 °/S 1/27/72 R/D 1/30/78-3

RU 111 RG 63 SPEED 5750

RADIAL DISTANCE 150

DATE: 2/11/72

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLES FROM INLET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	2.2	17.2	32.2	47.2	52.2	67.2	72.2	87.2	92.2	107.2	122.2	137.2	152.2	167.2	182.2	197.2	212.2	227.2	242.2	257.2	272.2	287.2	302.2	317.2	332.2	347.2	362.2	377.2	392.2	407.2	422.2	437.2	452.2	467.2	482.2	497.2	512.2	527.2	542.2	557.2	572.2	587.2	602.2	617.2	632.2	647.2	662.2	677.2	692.2	707.2	722.2	737.2	752.2	767.2	782.2	797.2	812.2	827.2	842.2	857.2	872.2	887.2	902.2	917.2	932.2	947.2	962.2	977.2	992.2	1007.2	1022.2	1037.2	1052.2	1067.2	1082.2	1097.2	1112.2	1127.2	1142.2	1157.2	1172.2	1187.2	1202.2	1217.2	1232.2	1247.2	1262.2	1277.2	1292.2	1307.2	1322.2	1337.2	1352.2	1367.2	1382.2	1397.2	1412.2	1427.2	1442.2	1457.2	1472.2	1487.2	1502.2	1517.2	1532.2	1547.2	1562.2	1577.2	1592.2	1607.2	1622.2	1637.2	1652.2	1667.2	1682.2	1697.2	1712.2	1727.2	1742.2	1757.2	1772.2	1787.2	1802.2	1817.2	1832.2	1847.2	1862.2	1877.2	1892.2	1907.2	1922.2	1937.2	1952.2	1967.2	1982.2	1997.2	2012.2	2027.2	2042.2	2057.2	2072.2	2087.2	2102.2	2117.2	2132.2	2147.2	2162.2	2177.2	2192.2	2207.2	2222.2	2237.2	2252.2	2267.2	2282.2	2297.2	2312.2	2327.2	2342.2	2357.2	2372.2	2387.2	2402.2	2417.2	2432.2	2447.2	2462.2	2477.2	2492.2	2507.2	2522.2	2537.2	2552.2	2567.2	2582.2	2597.2	2612.2	2627.2	2642.2	2657.2	2672.2	2687.2	2702.2	2717.2	2732.2	2747.2	2762.2	2777.2	2792.2	2807.2	2822.2	2837.2	2852.2	2867.2	2882.2	2897.2	2912.2	2927.2	2942.2	2957.2	2972.2	2987.2	3002.2	3017.2	3032.2	3047.2	3062.2	3077.2	3092.2	3107.2	3122.2	3137.2	3152.2	3167.2	3182.2	3197.2	3212.2	3227.2	3242.2	3257.2	3272.2	3287.2	3302.2	3317.2	3332.2	3347.2	3362.2	3377.2	3392.2	3407.2	3422.2	3437.2	3452.2	3467.2	3482.2	3497.2	3512.2	3527.2	3542.2	3557.2	3572.2	3587.2	3602.2	3617.2	3632.2	3647.2	3662.2	3677.2	3692.2	3707.2	3722.2	3737.2	3752.2	3767.2	3782.2	3797.2	3812.2	3827.2	3842.2	3857.2	3872.2	3887.2	3902.2	3917.2	3932.2	3947.2	3962.2	3977.2	3992.2	4007.2	4022.2	4037.2	4052.2	4067.2	4082.2	4097.2	4112.2	4127.2	4142.2	4157.2	4172.2	4187.2	4202.2	4217.2	4232.2	4247.2	4262.2	4277.2	4292.2	4307.2	4322.2	4337.2	4352.2	4367.2	4382.2	4397.2	4412.2	4427.2	4442.2	4457.2	4472.2	4487.2	4502.2	4517.2	4532.2	4547.2	4562.2	4577.2	4592.2	4607.2	4622.2	4637.2	4652.2	4667.2	4682.2	4697.2	4712.2	4727.2	4742.2	4757.2	4772.2	4787.2	4802.2	4817.2	4832.2	4847.2	4862.2	4877.2	4892.2	4907.2	4922.2	4937.2	4952.2	4967.2	4982.2	4997.2	5012.2	5027.2	5042.2	5057.2	5072.2	5087.2	5102.2	5117.2	5132.2	5147.2	5162.2	5177.2	5192.2	5207.2	5222.2	5237.2	5252.2	5267.2	5282.2	5297.2	5312.2	5327.2	5342.2	5357.2	5372.2	5387.2	5402.2	5417.2	5432.2	5447.2	5462.2	5477.2	5492.2	5507.2	5522.2	5537.2	5552.2	5567.2	5582.2	5597.2	5612.2	5627.2	5642.2	5657.2	5672.2	5687.2	5702.2	5717.2	5732.2	5747.2	5762.2	5777.2	5792.2	5807.2	5822.2	5837.2	5852.2	5867.2	5882.2	5897.2	5912.2	5927.2	5942.2	5957.2	5972.2	5987.2	6002.2	6017.2	6032.2	6047.2	6062.2	6077.2	6092.2	6107.2	6122.2	6137.2	6152.2	6167.2	6182.2	6197.2	6212.2	6227.2	6242.2	6257.2	6272.2	6287.2	6302.2	6317.2	6332.2	6347.2	6362.2	6377.2	6392.2	6407.2	6422.2	6437.2	6452.2	6467.2	6482.2	6497.2	6512.2	6527.2	6542.2	6557.2	6572.2	6587.2	6602.2	6617.2	6632.2	6647.2	6662.2	6677.2	6692.2	6707.2	6722.2	6737.2	6752.2	6767.2	6782.2	6797.2	6812.2	6827.2	6842.2	6857.2	6872.2	6887.2	6902.2	6917.2	6932.2	6947.2	6962.2	6977.2	6992.2	7007.2	7022.2	7037.2	7052.2	7067.2	7082.2	7097.2	7112.2	7127.2	7142.2	7157.2	7172.2	7187.2	7202.2	7217.2	7232.2	7247.2	7262.2	7277.2	7292.2	7307.2	7322.2	7337.2	7352.2	7367.2	7382.2	7397.2	7412.2	7427.2	7442.2	7457.2	7472.2	7487.2	7502.2	7517.2	7532.2	7547.2	7562.2	7577.2	7592.2	7607.2	7622.2	7637.2	7652.2	7667.2	7682.2	7697.2	7712.2	7727.2	7742.2	7757.2	7772.2	7787.2	7802.2	7817.2	7832.2	7847.2	7862.2	7877.2	7892.2	7907.2	7922.2	7937.2	7952.2	7967.2	7982.2	7997.2	8012.2	8027.2	8042.2	8057.2	8072.2	8087.2	8102.2	8117.2	8132.2	8147.2	8162.2	8177.2	8192.2	8207.2	8222.2	8237.2	8252.2	8267.2	8282.2	8297.2	8312.2	8327.2	8342.2	8357.2	8372.2	8387.2	8402.2	8417.2	8432.2	8447.2	8462.2	8477.2	8492.2	8507.2	8522.2	8537.2	8552.2	8567.2	8582.2	8597.2	8612.2	8627.2	8642.2	8657.2	8672.2	8687.2	8702.2	8717.2	8732.2	8747.2	8762.2	8777.2	8792.2	8807.2	8822.2	8837.2	8852.2	8867.2	8882.2	8897.2	8912.2	8927.2	8942.2	8957.2	8972.2	8987.2	9002.2	9017.2	9032.2	9047.2	9062.2	9077.2	9092.2	9107.2	9122.2	9137.2	9152.2	9167.2	9182.2	9197.2	9212.2	9227.2	9242.2	9257.2	9272.2	9287.2	9302.2	9317.2	9332.2	9347.2	9362.2	9377.2	9392.2	9407.2	9422.2	9437.2	9452.2	9467.2	9482.2	9497.2	9512.2	9527.2	9542.2	9557.2	9572.2	9587.2	9602.2	9617.2	9632.2	9647.2	9662.2	9677.2	9692.2	9707.2	9722.2	9737.2	9752.2	9767.2	9782.2	9797.2	9812.2	9827.2	9842.2	9857.2	9872.2	9887.2	9902.2	9917.2	9932.2	9947.2	9962.2	9977.2	9992.2	10007.2	10022.2	10037.2	10052.2	10067.2	10082.2	10097.2	10112.2	10127.2	10142.2	10157.2	10172.2	10187.2	10202.2	10217.2	10232.2	10247.2	10262.2	10277.2	10292.2	10307.2	10322.2	10337.2	10352.2	10367.2	10382.2	10397.2	10412.2	10427.2	10442.2	10457.2	10472.2	10487.2	10502.2	10517.2	10532.2	10547.2	10562.2	10577.2	10592.2	10607.2	10622.2	10637.2	10652.2	10667.2	10682.2	10697.2	10712.2	10727.2	10742.2	10757.2	10772.2	10787.2	10802.2	10817.2	10832.2	10847.2	10862.2	10877.2	10892.2	10907.2	10922.2	10937.2	10952.2	10967.2	10982.2	10997.2	11012.2	11027.2	11042.2	11057.2	11072.2	11087.2	11102.2	11117.2	11132.2	11147.2	11162.2	11177.2	11192.2	11207.2	11222.2	11237.2	11252.2	11267.2	11282.2	11297.2	11312.2	11327.2	11342.2	11357.2	11372.2	11387.2	11402.2	11417.2	11432.2	11447.2	11462.2	11477.2	11492.2	11507.2	11522.2	11537.2	11552.2	11567.2	11582.2	11597.2	11612.2	11627.2	11642.2	11657.2	11672.2	11687.2	11702.2	11717.2	11732.2	11747.2	11762.2	11777.2	11792.2	11807.2	11822.2	11837.2	11852.2	11867.2	11882.2	11897.2	11912.2	11927.2	11942.2	11957.2	11972.2	11987.2	12002.2	12017.2	12032.2	12047.2	12062.2	12077.2	12092.2	12107.2	12122.2	12137.2	12152.2	12167.2	12182.2	12197.2	12212.2	12227.2	12242.2	12257.2	12272.2	12287.2	12302.2	12317.2	12332.2	12347.2	12362.2	12377.2	12392.2	12407.2	12422.2	12437.2	12452.2	12467.2	12482.2	12497.2	12512.2	12527.2	12542.2	12557.2	12572.2	12587.2	12602.2	12617.2	12632.2	12647.2	12662.2	12677.2	12692.2	12707.2	12722.2	12737.2	12752.2	12767.2	12782.2	12797.2	12812.2	12827.2	12842.2	12857.2	12872.2	12887.2	12902.2	12917.2	12932.2	12947.2	12962.2	12977.2	12992.2	13007.2	13022.2	13037.2	13052.2	13067.2	13082.2	13097.2	13112.2	13127.2	13142.2	13157.2	13172.2	13187.2	13202.2	13217.2	13232.2	13247.2	13262.2	13277.2	13292.2	13307.2	13322.2	13337.2	13352.2	13367.2	13382.2	13397.2	13412.2	13427.2	13442.2	13457.2	13472.2	13487.2	13502.2	13517.2	13532.2	13547.2	13562.2	13577.2	13592.2	13607.2	13622.2	13637.2	13652.2	13667.2	13682.2	13697.2	13712.2	13727.2	13742.2	13757.2	13772.2	13787.2	13802.2	13817.2	13832.2	13847.2	13862.2	13877.2	13892.2	13907.2	13922.2	13937.2	13952.2	13967.2	13982.2	13997.2	14012.2	14027.2	14042.2	14057.2	14072.2	14087.2	14102.2	14117.2	14132.2	14147.2	14162.2	14177.2	14192.2	14207.2	14222.2	14237.2	14252.2	14267.2	14282.2	14297.2	14312.2	14327.2	14342.2	14357.2	14372.2	14387.2	14402.2	14417.2	14432.2	14447.2	14462.2	14477.2	14492.2	14507.2	14522.2	14537.2	14552.2	14567.2	14582.2	14597.2	14612.2	14627.2	14642.2	14657.2	14672.2	14687.2	14702.2	14717.2	14732.2	14747.2	14762.2	14777.2	14792.2	14807.2	14822.2	14837.2	14852.2	14867.2	14882.2	14897.2	14912.2	14927.2	14942.2	14957.2	14972.2	14987.2	15002.2	15017.2	15032.2	15047.2	15062.2	15077.2	15092.2	15107.2	15122.2	15137.2	15152.2	15167.2	15182.2	15197.2	15212.2	15227.2	15242.2	15257.2	15272.2	15287.2	15302.2	15317.2	15332.2	15347.2	15362.2	15377.2	15392.2	15407.2	15422.2	15437.2	15452.2	15467.2	15482.2	15497.2	15512.2	15527.2	15542.2	15557.2	15572.2	15587.2	15602.2	15617.2	15632.2	15647.2	15662.2	15677.2	15692.2	15707.2	15722.2	15737.2	15752.2	15767.2	15782.2	15797.2	15812.2	15827.2	15842.2	15857.2	15872.2	15887.2	15902.2	15917.2	15932.2	15947.2	15962.2	15977.2	15992.2	16007.2	16022.2	16037.2	16052.2	16067.2	16082.2	16097.2	16112.2	16127.2	16142.2	16157.2	16172.2	16187.2	16202.2	16217.2	16232.2	16247.2	16262.2	16277.2	16292.2	16307.2	16322.2	16337.2	1

OASPL: 193.5

AMBIENT TEMP: 34.49
WETBULB TEMP: 31.49
BAR. PRESSURE: 29.99
ABS. HUMIDITY: 3.884

FAA FAX/COMPRESSION - PHASE 5B & 5C. 1/0 1/27/72. 9/0 1/37/72-3

RUN11 303884 SPEED08202

DATE: 2/1/70

PAGE: 2

RADIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	10.0	22.2	32.2	42.2	50.0	60.0	72.0	80.0	90.0	102.0	110.0	122.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
22	2.254	2.335	2.450	2.580	2.724	2.874	3.031	3.194	3.361	3.531	3.704	3.881	4.061	4.244	4.431	4.621	4.814	5.011	5.211	5.414	5.621
63	2.981	3.014	3.099	3.202	3.321	3.444	3.571	3.704	3.841	3.981	4.124	4.271	4.421	4.574	4.731	4.891	5.054	5.221	5.391	5.564	5.741
80	3.210	3.243	3.328	3.431	3.554	3.681	3.814	3.951	4.091	4.234	4.381	4.531	4.684	4.841	4.994	5.151	5.311	5.474	5.641	5.814	6.001
102	3.741	3.774	3.859	3.962	4.081	4.204	4.331	4.464	4.601	4.741	4.884	5.031	5.184	5.341	5.494	5.651	5.814	5.981	6.154	6.331	6.514
122	4.254	4.287	4.372	4.475	4.594	4.717	4.844	4.971	5.104	5.231	5.364	5.501	5.644	5.791	5.944	6.091	6.244	6.401	6.564	6.731	6.904
160	5.354	5.387	5.472	5.575	5.694	5.817	5.944	6.071	6.204	6.331	6.464	6.601	6.744	6.891	7.044	7.191	7.344	7.501	7.664	7.831	8.004
200	6.424	6.457	6.542	6.645	6.764	6.887	7.014	7.141	7.274	7.401	7.534	7.671	7.814	7.961	8.114	8.261	8.414	8.571	8.734	8.901	9.074
250	7.494	7.527	7.612	7.715	7.834	7.957	8.084	8.211	8.344	8.471	8.604	8.741	8.884	9.031	9.184	9.331	9.484	9.641	9.804	9.971	10.144
315	8.564	8.597	8.682	8.785	8.904	9.027	9.154	9.281	9.414	9.541	9.674	9.811	9.954	10.101	10.254	10.401	10.554	10.711	10.874	11.041	11.214
400	9.634	9.667	9.752	9.855	9.974	10.097	10.224	10.351	10.484	10.611	10.744	10.881	11.024	11.171	11.324	11.471	11.624	11.781	11.944	12.101	12.274
500	10.704	10.737	10.822	10.925	11.044	11.167	11.294	11.421	11.554	11.681	11.814	11.951	12.094	12.241	12.394	12.541	12.694	12.851	13.014	13.171	13.344
630	11.774	11.807	11.892	11.995	12.114	12.237	12.364	12.491	12.624	12.751	12.884	13.021	13.164	13.311	13.464	13.611	13.764	13.921	14.084	14.241	14.414
800	12.844	12.877	12.962	13.065	13.184	13.307	13.434	13.561	13.694	13.821	13.954	14.091	14.234	14.381	14.534	14.681	14.834	14.991	15.154	15.311	15.484
1000	13.914	13.947	14.032	14.135	14.254	14.377	14.504	14.631	14.764	14.891	15.024	15.161	15.304	15.451	15.604	15.751	15.904	16.061	16.224	16.381	16.554
1250	14.984	15.017	15.102	15.205	15.324	15.447	15.574	15.701	15.834	15.961	16.094	16.231	16.374	16.521	16.674	16.821	16.974	17.131	17.294	17.451	17.624
1500	16.054	16.087	16.172	16.275	16.394	16.517	16.644	16.771	16.904	17.031	17.164	17.301	17.444	17.591	17.744	17.891	18.044	18.201	18.364	18.521	18.694
1800	17.124	17.157	17.242	17.345	17.464	17.587	17.714	17.841	17.974	18.101	18.234	18.371	18.514	18.661	18.814	18.961	19.114	19.271	19.434	19.591	19.764
2000	18.194	18.227	18.312	18.415	18.534	18.657	18.784	18.911	19.044	19.171	19.304	19.441	19.584	19.731	19.884	20.031	20.184	20.341	20.504	20.661	20.834
2500	19.264	19.297	19.382	19.485	19.604	19.727	19.854	19.981	20.114	20.241	20.374	20.511	20.654	20.801	20.954	21.101	21.254	21.411	21.574	21.731	21.904
3150	20.334	20.367	20.452	20.555	20.674	20.797	20.924	21.051	21.184	21.311	21.444	21.581	21.724	21.871	22.024	22.171	22.324	22.481	22.644	22.801	22.974
4000	21.404	21.437	21.522	21.625	21.744	21.867	21.994	22.121	22.254	22.381	22.514	22.651	22.794	22.941	23.094	23.241	23.394	23.551	23.714	23.871	24.044
5000	22.474	22.507	22.592	22.695	22.814	22.937	23.064	23.191	23.324	23.451	23.584	23.721	23.864	24.011	24.164	24.311	24.464	24.621	24.784	24.941	25.114
6300	23.544	23.577	23.662	23.765	23.884	24.007	24.134	24.261	24.394	24.521	24.654	24.791	24.934	25.081	25.234	25.381	25.534	25.691	25.854	26.011	26.184
8000	24.614	24.647	24.732	24.835	24.954	25.077	25.204	25.331	25.464	25.591	25.724	25.861	26.004	26.151	26.304	26.451	26.604	26.761	26.924	27.081	27.254
10000	25.684	25.717	25.802	25.905	26.024	26.147	26.274	26.401	26.534	26.661	26.794	26.931	27.074	27.221	27.374	27.521	27.674	27.831	27.994	28.151	28.324
12500	26.754	26.787	26.872	26.975	27.094	27.217	27.344	27.471	27.604	27.731	27.864	28.001	28.144	28.291	28.444	28.591	28.744	28.901	29.064	29.221	29.394
15000	27.824	27.857	27.942	28.045	28.164	28.287	28.414	28.541	28.674	28.801	28.934	29.071	29.214	29.361	29.514	29.661	29.814	29.971	30.134	30.291	30.464
18000	28.894	28.927	29.012	29.115	29.234	29.357	29.484	29.611	29.744	29.871	30.004	30.141	30.284	30.431	30.584	30.731	30.884	31.041	31.204	31.361	31.534
20000	29.964	29.997	30.082	30.185	30.304	30.427	30.554	30.681	30.814	30.941	31.074	31.211	31.354	31.501	31.654	31.801	31.954	32.111	32.274	32.431	32.604
25000	31.034	31.067	31.152	31.255	31.374	31.497	31.624	31.751	31.884	32.011	32.144	32.281	32.424	32.571	32.724	32.871	33.024	33.181	33.344	33.501	33.674
31500	32.104	32.137	32.222	32.325	32.444	32.567	32.694	32.821	32.954	33.081	33.214	33.351	33.494	33.641	33.794	33.941	34.094	34.251	34.414	34.571	34.744
40000	33.174	33.207	33.292	33.395	33.514	33.637	33.764	33.891	34.024	34.151	34.284	34.421	34.564	34.711	34.864	35.011	35.164	35.321	35.484	35.641	35.814
50000	34.244	34.277	34.362	34.465	34.584	34.707	34.834	34.961	35.094	35.221	35.354	35.491	35.634	35.781	35.934	36.081	36.234	36.391	36.554	36.711	36.884
63000	35.314	35.347	35.432	35.535	35.654	35.777	35.904	36.031	36.164	36.291	36.424	36.561	36.704	36.851	37.004	37.151	37.304	37.461	37.624	37.781	37.954
80000	36.384	36.417	36.502	36.605	36.724	36.847	36.974	37.101	37.234	37.361	37.494	37.631	37.774	37.921	38.074	38.221	38.374	38.531	38.694	38.851	39.024
100000	37.454	37.487	37.572	37.675	37.794	37.917	38.044	38.171	38.304	38.431	38.564	38.701	38.844	38.991	39.144	39.291	39.444	39.601	39.764	39.921	40.094

C73

ADDITIONAL TEMP 34.40
WINDSPEED TEMP 31.40
BAR. PRESSURE 28.85
AIR DENSITY 3.004

FAA FAV/COMPRESSOR - PHASE 98 + 5C Y/D 1/27/72 R/D 1/30/78-3

RUN#11 RDS#84 SPEED#672

DATE: 2/1/77

RADIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.0	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
50	75.45	72.91	69.15	65.29	61.29	57.22	53.14	49.04	44.94	40.84
63	71.57	77.79	69.76	78.18	78.87	71.25	73.89	73.69	75.11	75.44
80	72.20	68.48	68.00	68.58	78.53	71.87	73.89	73.45	75.41	77.28
100	71.71	72.45	72.07	72.53	73.49	74.07	75.51	76.32	77.68	79.04
125	72.54	71.51	72.16	72.48	73.41	74.71	75.63	76.46	77.88	79.21
160	67.48	68.36	68.31	67.79	68.95	72.82	72.94	72.79	73.59	73.14
200	64.56	68.82	68.76	68.36	67.74	68.17	68.71	69.82	72.56	71.39
250	64.49	66.97	66.85	66.36	64.75	63.82	66.18	67.66	69.65	70.47
315	73.82	78.41	78.47	72.78	71.58	73.81	73.88	75.58	74.57	77.58
400	76.26	77.77	76.63	76.34	74.25	76.21	77.11	77.99	78.68	80.99
500	75.54	77.10	75.88	76.02	76.75	77.37	77.41	78.58	78.44	80.82
630	75.17	75.34	74.29	74.48	74.93	75.44	75.66	75.71	76.37	76.51
800	78.18	81.48	82.12	77.08	76.81	77.53	77.48	78.78	80.28	81.24
1000	83.49	83.62	82.42	80.73	81.59	80.77	80.96	81.59	82.36	82.83
1250	82.56	84.85	83.58	82.44	83.88	82.83	83.81	82.98	84.51	83.75
1600	83.59	85.38	83.83	81.83	83.87	83.50	84.46	84.36	85.81	85.32
2000	83.44	85.22	83.99	84.44	83.58	84.24	83.51	84.28	85.28	84.85
2500	84.44	85.97	87.12	86.13	86.08	83.27	83.17	84.02	87.37	87.48
3150	88.29	88.69	88.72	89.84	88.74	88.14	87.51	89.24	91.73	89.88
4000	92.98	93.46	92.33	95.16	94.49	95.26	96.05	97.34	96.94	92.88
5000	84.44	85.39	85.49	84.75	86.54	87.38	85.09	85.25	87.83	86.48
6300	86.88	85.24	87.57	87.91	89.99	88.19	86.47	88.76	88.93	91.79
8000	88.43	87.52	87.89	88.24	89.18	89.68	88.83	88.95	88.83	91.49
10000	85.59	83.53	84.26	84.22	88.43	8.05	82.37	84.59	86.03	87.99
MEASURED CASP	98.61	98.79	98.64	99.32	99.97	98.93	99.99	100.0	101.5	100.2
CALCULATED CASP	97.74	97.84	97.78	98.55	99.85	98.27	98.74	100.1	100.2	99.58
P'LB	112.6	115.2	112.7	114.1	114.1	113.9	113.9	114.9	115.8	113.9

OAPHL: 193.9

AMBIENT TEMP: 35.82
WETBULB TEMP: 32.22
BAR. PRESSURE: 20.95
ABS. HUMIDITY: 3.978

FAA EAV/TEMPRESSCH. - PHASE 50 ± 50 Y/D 1/22/70 R/D 1/32/70-3

SUN811 30085 SPEED=8247

RADIAL DISTANCE 150

DATE: 2/1/77

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	ANGLES FROM INLET											
	2.4	10.0	22.0	38.7	40.0	50.0	60.0	70.0	80.0	90.0	110.0	130.0
50	1.144	-3.46	-5.22	-4.58	-3.45	-2.95	-2.07	-0.97	-0.839	-0.855	2.050	3.407
63	-3.27	2.945	-5.08	-4.60	-3.97	-3.90	-1.75	-1.15	-2.874	-0.830	2.328	3.226
80	-4.21	2.457	-5.31	-4.48	-3.73	-2.39	-1.22	-0.821	-1.101	-1.143	2.073	2.839
100	-4.95	-4.21	-4.50	-4.15	-3.17	-1.90	-1.15	-0.342	1.019	2.933	3.402	4.059
125	-3.69	-3.22	-4.17	-4.05	-3.52	-1.781	-0.89	-0.275	1.164	1.500	2.041	3.537
160	-4.22	-3.32	-3.67	-3.90	-2.73	-0.99	-0.422	1.111	1.916	1.459	2.991	2.655
200	-3.29	-0.837	-1.09	-2.49	-2.11	-1.15	-0.832	2.781	1.820	2.423	3.107	2.438
250	-4.40	-2.80	-2.12	-2.62	-4.23	-3.96	-2.07	-0.32	3.993	1.404	3.394	4.924
315	-4.83	-0.804	-1.34	-2.26	-4.47	-2.90	-2.21	-0.311	5.983	1.031	3.438	4.583
400	-2.93	-0.598	-1.69	-1.99	-4.08	-2.31	-1.22	-0.320	1.397	1.791	3.199	3.950
500	-2.23	-0.992	-2.29	-2.16	-1.42	-0.889	-0.788	-0.857	1.283	-0.43	3.032	2.867
630	-1.73	-0.341	-1.80	-0.971	-1.44	-0.607	-0.274	-0.367	0.906	1.132	2.102	1.486
800	-0.531	2.438	-1.185	-1.16	-2.18	-1.45	-1.02	-0.380	1.100	1.627	2.200	1.981
1000	1.771	1.099	0.909	-0.903	-1.01	-0.94	-0.793	-0.120	0.409	0.166	2.432	0.876
1250	-0.393	1.986	-0.587	-0.588	-1.363	-0.922	-0.832	-0.386	1.293	1.082	1.517	-0.349
1600	-1.332	1.606	-0.929	-0.280	-0.992	-1.143	-0.7493	-0.308	1.293	1.082	1.517	-0.349
2000	-0.830	1.484	-0.768	-0.436	-0.321	-0.491	-0.383	-0.439	1.001	1.124	1.583	-0.437
2500	-0.802	-1.34	1.038	0.300	1.379	-0.84	-2.13	-0.804	2.070	2.179	2.793	-0.82
3150	-1.128	-0.797	-1.03	0.096	2.410	1.000	1.708	3.000	2.002	-0.10	-1.58	-0.33
4000	-1.27	-0.634	-0.338	-0.20	0.800	1.332	-1.145	1.822	1.901	2.415	2.71	0.34
5000	-1.36	-0.60	-0.65	-0.334	1.797	-0.49	-1.17	1.172	2.004	3.544	3.701	-0.40
6300	-0.788	-0.184	-0.923	-0.44	1.430	-2.04	-0.933	1.283	0.802	2.786	1.830	-0.41
8000	-0.7549	-0.130	-0.633	-0.635	3.998	-1.70	-2.46	-0.537	1.700	2.700	4.700	-0.30
10000												

C75

AMBIENT TEMP: 35.02
WET-BULB TEMP: 32.02
BAR. PRESSURE: 29.93
ABS. HUMIDITY: 3.976

FAA FAV/CO PRESSOR - PHASE 90 + 90 Y/D 1/27/76 R/D 1/30/76-3

RUN#11 RDN#05 SPEED#0200

RADIAL DISTANCE 150

DATE: 2/1/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
52	78.87	73.89	72.84	71.53	70.19	68.89	67.58	66.24	64.89	63.51
63	78.43	78.89	72.38	73.27	74.05	74.19	75.84	75.70	77.12	76.49
74	78.62	78.68	71.27	72.88	73.84	74.48	74.92	75.35	77.82	78.13
82	75.25	72.91	72.1	75.34	77.26	76.73	74.48	74.32	76.97	79.59
102	74.37	71.81	71.45	73.84	74.12	74.24	74.73	75.11	77.33	77.31
122	71.85	69.95	68.21	69.85	71.42	72.49	73.34	73.79	75.17	74.91
152	69.37	68.68	68.25	68.38	69.38	69.48	69.48	70.62	71.82	72.78
202	66.73	68.36	68.21	67.88	68.72	68.42	67.36	69.14	70.80	71.98
252	63.92	74.88	74.23	74.37	72.31	73.38	74.88	74.31	77.44	78.84
312	77.57	78.48	78.14	77.88	75.39	77.34	78.18	79.99	81.16	81.37
382	77.37	78.26	77.22	74.84	78.64	78.47	78.98	79.89	82.87	83.13
452	76.83	76.11	75.22	75.89	75.92	76.57	76.87	76.98	77.99	77.94
522	78.44	82.48	82.88	78.78	77.71	78.28	78.49	80.82	81.28	81.28
602	84.22	84.43	83.80	81.19	82.42	81.95	82.19	82.39	83.56	83.17
682	83.87	83.88	84.83	82.83	83.83	83.89	83.87	84.83	85.88	85.37
762	84.31	85.97	85.88	84.86	83.84	84.99	85.42	85.95	86.37	86.46
842	84.59	85.74	84.64	84.78	84.28	85.38	84.48	85.24	85.81	84.24
922	85.24	84.78	87.99	86.96	87.38	84.41	84.39	85.45	86.57	86.47
1002	84.89	82.32	82.15	80.24	80.28	84.91	88.47	88.11	92.83	92.87
1082	93.19	94.28	92.16	93.43	94.28	94.97	97.77	98.89	97.46	93.87
1162	85.47	86.41	86.47	86.13	87.33	88.88	87.81	88.14	88.28	88.22
1242	87.53	89.86	87.71	89.13	91.36	87.79	87.95	88.84	92.57	92.39
1322	88.51	87.22	88.58	88.78	88.82	87.15	88.87	89.64	88.82	88.99
1402	89.69	83.67	84.71	84.59	86.12	83.38	85.83	85.96	89.89	88.38
1482	99.34	99.46	99.16	99.91	100.7	100.4	102.1	103.4	101.2	101.1
1562	98.29	98.49	98.17	98.85	99.82	99.82	100.4	101.8	100.4	100.1
1642	113.4	113.9	112.9	114.6	114.4	115.4	116.1	116.1	117.1	115.1
1722	113.4	113.9	112.9	114.6	114.4	115.4	116.1	116.1	117.1	115.1

CAPML: 150.3

ARRIVEY TEMP. 32.82
 AIRBULE TEMP. 32.88
 BAR. PRESSURE 28.93
 AIRS. V. VIBILITY 3.976

FAA FAI/22/22/22 - PHASE 20 + 90 T/D 1/27/72 R/D 1/30/72-3

911811 90880 SPEED 6452

DATE: 2/1/77

PAGE: 1

RELIAL DISTANCE 150

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	ANGLES FROM INLET									
	2.0	10.0	20.0	32.0	42.7	50.0	55.0	60.0	65.0	70.0
52	77.92	72.94	71.44	71.43	71.43	71.43	71.43	71.43	71.43	71.43
63	78.21	77.67	72.27	72.68	72.66	73.11	74.07	76.25	77.63	77.64
80	77.25	71.87	70.43	71.27	72.07	73.58	74.81	76.28	77.28	77.28
100	77.07	74.76	71.44	73.36	74.60	77.06	79.43	77.72	79.27	82.81
125	75.69	73.87	71.27	73.32	74.59	76.41	78.84	78.82	79.81	81.33
160	72.57	72.36	69.67	69.99	70.36	72.33	73.33	74.24	75.35	75.95
200	72.05	68.59	68.21	68.11	68.48	69.40	71.62	71.62	72.11	72.40
250	68.09	69.88	68.33	68.28	67.59	67.12	67.94	70.75	73.03	73.28
315	70.24	72.58	73.48	74.53	72.78	73.95	74.76	77.84	78.74	80.88
400	77.71	78.78	77.95	77.57	75.69	77.57	78.16	80.99	81.67	82.83
500	78.25	78.88	77.47	77.08	76.10	74.77	73.87	76.21	81.51	81.58
630	76.91	76.48	75.56	75.02	74.49	73.19	72.28	74.65	77.59	77.60
800	78.86	82.48	81.34	82.26	82.83	80.41	79.88	79.39	81.54	81.54
1000	84.27	84.08	83.19	81.06	82.48	81.67	82.89	82.51	83.55	82.74
1250	83.84	83.48	82.88	83.08	83.87	82.08	83.84	84.21	85.18	84.58
1600	83.94	83.98	83.82	84.18	83.83	84.32	85.24	85.23	86.81	86.17
2000	84.18	85.58	84.38	84.16	83.28	84.31	84.32	84.94	86.28	85.19
2500	84.66	84.51	87.63	86.76	87.37	84.32	84.87	85.43	88.34	88.34
3150	86.66	87.13	89.18	89.39	89.39	88.78	89.87	92.16	92.44	92.44
4000	92.95	93.05	91.62	94.47	94.82	96.11	98.77	96.26	96.05	93.35
5000	85.72	87.05	87.87	90.23	87.08	89.85	88.78	89.28	89.18	88.82
6300	87.47	89.89	87.47	88.88	88.68	87.44	87.31	89.71	92.78	93.85
8000	88.32	87.84	88.28	87.19	86.71	87.22	88.34	89.81	89.32	88.44
10000	89.65	83.56	84.66	84.99	89.121	94.11	84.68	89.73	87.99	88.49
MEASURED OASPL	99.10	99.71	98.95	99.56	100.5	99.88	101.4	101.1	100.8	98.81
CALCULATED OASPL	98.17	98.86	97.89	98.75	99.58	99.14	96.69	100.2	101.2	100.4
PD08	113.3	114.6	112.7	114.1	114.3	114.8	116.4	115.7	116.3	115.1

ONPML 194.3

AMBIENT TEMP. 35.00
WETBULB TEMP. 32.82
BAR. PRESSURE 26.95
ABS. HUMIDITY 3.924

SAA FAN/COMPRESSOR - PHASE 5B - 5C 120 1/27/78 R/S 1/12/20-3

RUN#11 R00#67 SPEED#6082

DATE: 2/1/77

PAGE: 2

RACIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET															
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
50	1.502	3.88	-4.97	-4.99	-3.41	-3.11	-1.91	-1.83	1.224	-3.71	2.435	3.227	7.519			
60	1.392	8566	-4.54	-4.14	-3.95	-3.71	-1.95	-1.563	8166	-2.43	1.940	2.947	7.813			
80	8037	-8.28	-5.83	-5.89	-3.78	-2.81	-1.53	-1.754	8841	-4.22	2.492	4.133	7.848			
100	-1.95	-4.15	-7.51	-3.56	-4.15	-1.69	-3.52	-1.23	3.738	3.898	4.721	4.628	4.903			
125	-1.59	-4.22	-6.22	-3.84	-3.84	-1.878	-2.228	-1.68	2.77	2.327	4.184	3.864	4.737			
150	-1.717	-2.93	-3.62	-3.69	-2.93	-1.954	-2.423	-1.934	2.846	1.366	2.265	2.558	4.849			
200	-2.885	-8.84	-2.43	-1.93	-2.16	-1.82	-1.17	-0.888	1.328	1.488	1.852	3.264	3.173			
250	-4.22	-3.31	-3.28	-4.84	-4.72	-4.99	-4.37	-1.56	1.422	1.686	4.166	5.739	5.157			
315	-3.78	-4.61	-2.54	-3.19	-5.24	-4.87	-3.24	-2.79	2.854	3.482	4.484	4.827				
400	-2.137	-1.31	-2.13	-2.92	-4.39	-2.52	-1.92	-1.685	1.502	1.935	3.722	4.214	3.179			
500	-1.61	-1.783	-2.19	-2.64	-1.48	-1.889	-1.295	-1.471	1.849	1.837	2.288	2.582	4.743			
600	-1.19	-2.327	-3.06	-1.37	-2.54	-1.54	-1.48	-1.54	1.484	1.762	2.618	1.787	4.152			
800	1.711	2.124	6.514	-0.82	-1.56	-1.882	-1.485	-1.051	1.932	1.838	2.885	1.112	4.864			
1000	2.719	1.827	3.198	-7.35	-1.896	-2.878	-2.863	-1.498	1.728	2.462	2.132	4.839	4.253			
1200	2.287	1.188	-0.72	-1.875	-1.524	-1.671	-1.149	-1.675	2.312	1.393	1.717	3.51	4.49			
1500	-1.182	-1.58	1.743	0.761	1.285	-1.77	-2.82	-1.657	2.248	2.244	2.781	3.22	3.76			
2000	-1.188	-1.69	3.281	0.337	1.539	-1.89	-1.257	-1.622	3.589	1.591	1.939	3.22	3.53			
2500	-1.593	1.599	-1.85	1.822	1.723	2.663	-2.47	2.612	2.481	1.353	1.12	4.24	5.71			
3000	-1.84	-1.589	-1.92	-0.32	0.124	1.487	1.235	1.723	1.483	1.083	0.992	3.92	4.58			
3500	-1.67	-1.85	-1.07	-1.43	1.334	-1.78	-1.84	1.585	3.438	3.484	3.864	3.54	4.85			
4000	-1.893	-1.52	-2.882	-1.84	2.478	-1.81	-1.188	1.732	1.283	2.288	1.268	3.34	4.70			
5000	-1.147	-2.24	-1.12	-1.813	3.419	-1.69	-1.12	-1.874	2.107	2.693	1.213	4.35	4.36			

AMBIENT TEMP. 35.00
 REF. TEMP. 32.20
 BAR. PRESSURE 28.95
 ABS. ALT. 3.976

FAA FAX/COMPRESSOR - PHASE 98 + 5C T/D 1/27/78 R/D 1/30/78-3

WU=11 HGS=67 SPEED=660

DATE: 2/21/70

PAGE: 1

RADIAL DISTANCE 192

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLE FROM INLET									
	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
30	78.52	73.93	72.52	72.40	74.25	74.80	74.97	76.41	78.07	77.19
60	82.55	76.07	74.23	73.57	74.25	74.42	75.79	76.09	78.48	78.64
90	77.36	72.22	73.04	72.91	73.84	74.64	75.88	76.88	78.81	78.37
120	75.57	73.19	72.64	74.38	75.31	76.49	77.14	77.73	78.09	79.09
150	74.29	73.93	75.07	77.75	80.12	81.34	81.21	79.10	80.92	81.26
180	73.66	72.23	71.71	70.72	71.05	73.35	74.39	75.13	76.52	76.18
210	72.56	70.12	69.84	68.54	68.11	70.28	72.32	74.33	76.73	76.81
240	69.54	69.53	72.10	68.99	68.31	67.69	68.84	71.18	73.16	74.88
270	74.95	74.29	75.59	74.64	73.23	74.41	76.24	77.93	79.66	81.74
300	70.42	70.51	70.00	70.12	77.34	78.36	79.99	80.94	82.94	83.64
330	79.45	79.87	79.38	77.45	80.88	80.97	80.73	82.32	83.17	83.69
360	76.77	76.91	75.05	74.73	77.98	78.07	78.02	79.29	79.71	80.83
390	73.37	81.81	81.16	79.18	78.85	78.12	79.54	81.15	82.19	82.83
420	84.12	84.00	83.44	83.04	82.98	82.92	82.91	83.50	84.44	83.99
450	83.34	83.21	84.22	83.57	84.39	83.66	83.28	84.43	84.36	85.84
480	84.73	86.31	83.93	84.29	84.43	84.64	85.43	85.65	86.84	86.73
510	83.16	82.40	84.47	84.54	83.84	83.13	84.36	84.25	86.73	86.33
540	85.29	84.98	87.59	86.21	87.22	86.46	86.46	86.89	88.63	89.09
570	89.22	87.55	89.16	89.43	89.43	89.15	89.13	90.81	92.71	92.89
600	93.49	94.37	92.21	94.45	94.09	97.09	95.43	100.4	99.64	94.68
630	89.49	88.21	89.88	88.71	83.52	83.33	81.10	81.15	81.58	82.14
660	88.25	89.09	87.59	88.35	88.75	87.19	86.24	88.09	93.12	90.95
690	88.82	87.37	87.42	87.43	92.38	87.16	88.58	87.11	98.85	98.74
720	86.72	84.01	85.97	86.35	91.91	85.09	85.55	87.16	89.35	89.31
750	99.96	99.95	99.49	100.0	102.3	101.4	100.6	103.7	102.5	101.7
780	98.92	99.28	98.48	99.38	101.6	100.9	99.49	103.3	101.7	100.8
810	113.9	114.3	113.2	114.4	116.5	116.3	115.2	118.7	116.5	114.7

MEASURED CASPL	192.7
CALCULATED CASPL	192.7
PVDB	192.7

AMBIENT TEMP. 35.00
MET-BULB TEMP. 32.00
WAP. PRESSURE 28.95
ABS. HUMIDITY 3.974

FAL FAN/COMPRESSOR - PHASE 52.0.52. I/D 1/27/70. R/D 1/28/70.3

QUN=11 SCS=003 SPEED=6920

04PHL1

195.7

RACIAL DISTANCE 192

DATE: 2/1/72

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	10.2	22.2	32.2	40.2	50.2	62.2	72.2	82.2	92.2	102.2	112.2
1	3.65	-1.64	-5.29	-8.13	-1.16	-1.51	-2.65	-1.22	4.53	-4.23	2.88	3.54
2	1.49	1.28	-4.3	-4.98	-4.31	-4.13	-2.83	-1.66	0.76	0.38	2.93	7.24
3	6.32	8.27	-4.88	-8.88	-6.35	-3.33	-1.91	-0.82	5.18	3.46	1.75	4.38
4	-2.89	-9.27	-5.82	-4.15	-2.94	-1.97	-1.32	-1.72	5.39	3.26	4.37	6.97
5	4.28	-8.64	-4.7	-2.83	-4.56	-7.65	-6.34	-1.38	3.89	1.21	3.25	3.64
6	-1.18	-2.63	-3.14	-4.14	-3.21	-1.50	-4.62	2.63	1.62	1.23	2.88	3.43
7	8.31	-1.49	-1.75	-2.63	-3.88	-1.38	-1.37	1.91	1.45	1.38	3.82	3.69
8	-2.95	-2.97	-2.32	-3.54	-4.18	-4.79	-3.65	-1.39	0.61	1.53	4.89	4.42
9	-2.29	-1.14	-1.86	-2.48	-5.51	-4.84	-1.49	-1.31	4.89	2.48	4.39	4.42
10	-3.16	-2.27	-2.68	-3.46	-4.54	-3.22	-1.79	-6.38	1.39	2.29	4.28	4.33
11	-2.27	-1.64	-1.51	-1.87	-1.52	-1.55	-7.86	8.39	1.63	2.17	3.48	2.79
12	-1.62	-1.42	-2.46	-1.99	-3.49	-2.91	0.39	0.72	1.38	1.79	2.39	1.51
13	2.26	1.24	5.89	-1.32	-2.32	-1.45	-1.83	5.82	1.82	1.88	2.75	1.56
14	0.654	1.57	1.651	-1.42	-2.79	-7.36	-3.46	2.47	1.79	3.43	2.89	1.56
15	2.578	1.783	2.151	-3.89	-3.74	-2.84	-1.74	5.28	1.474	4.84	1.88	1.53
16	-1.74	1.485	-1.977	-0.11	-1.78	-2.64	3.44	7.08	1.936	1.819	1.86	1.97
17	-3.85	0.529	-1.724	0.816	-3.84	-6.62	-2.28	4.23	2.88	1.78	1.66	1.43
18	-1.87	-1.41	1.412	0.284	1.04	-1.73	-1.81	-1.17	2.76	2.44	2.11	3.81
19	-1.29	-1.59	-1.892	1.873	0.89	-4.89	-1.28	1.36	1.59	1.46	2.13	3.89
20	-1.69	-1.81	-3.18	-0.28	1.31	2.318	2.91	3.26	2.89	1.783	3.39	7.38
21	-2.18	-1.15	-2.81	-1.16	1.64	2.472	-3.74	4.91	3.84	4.828	1.69	2.38
22	-1.78	-3.38	-1.48	3.89	1.751	-1.81	-1.754	1.181	4.22	1.83	3.82	4.92
23	-0.83	-1.53	-1.48	-1.46	1.283	0.74	-3.14	0.28	1.93	1.84	2.283	3.82
24	-0.743	-2.86	-1.89	-1.12	4.46	-1.57	-1.91	-2.86	1.079	1.843	1.843	-1.58

081

ALBERT TEMP 34.22
WET-BUL TEMP 32.22
BAR. PRESSURE 24.95
ABS. HUMIDITY 3.976

FAA CA/COMPRESSOR - PHASE 58 + 5C T/D 1/27/72 R/D 1/3/78-3

QUAIL RD 688

SPEED 6987

RADIAL DISTANCE 158

DATE: 2/24/70

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLE FROM INLET									
	0.8	18.2	28.8	38.0	48.0	58.8	68.8	78.8	88.8	92.8
50	21.22	43.39	48.18	67.83	63.47	78.43	68.88	73.77	78.71	72.29
63	67.27	76.11	47.71	68.94	69.37	69.87	69.96	73.26	71.34	72.21
80	87.19	87.88	87.82	14.73	62.58	48.55	88.21	72.28	78.83	71.54
100	66.42	66.84	65.43	66.12	67.19	68.48	68.09	71.94	69.89	70.39
125	65.65	64.86	65.25	65.38	65.97	72.39	67.94	70.98	78.28	78.15
160	63.99	63.44	66.87	65.83	66.78	66.77	67.94	71.52	69.29	69.43
200	62.73	64.85	63.49	63.89	62.86	65.22	65.22	67.18	67.23	67.65
250	61.24	62.69	62.93	62.68	68.47	68.43	68.51	64.26	62.32	63.19
315	67.91	78.78	68.58	68.28	67.28	68.24	67.41	68.23	68.14	68.53
400	78.08	71.10	69.95	69.51	68.67	69.86	70.22	71.31	71.59	71.94
500	78.28	69.89	69.80	68.48	78.82	78.53	71.66	72.93	73.46	73.66
630	69.96	70.52	69.57	68.52	69.02	69.22	70.69	72.27	73.06	73.49
800	78.81	77.23	73.78	72.88	73.37	71.58	71.48	73.32	73.68	73.88
1000	79.82	79.91	78.97	75.99	76.23	75.83	76.42	77.88	78.75	79.12
1250	70.54	70.37	70.11	71.98	73.44	74.89	77.49	78.57	78.70	78.44
1600	88.46	78.81	78.19	77.84	77.79	76.33	79.39	88.35	88.55	88.12
2000	88.17	77.89	78.83	78.33	77.14	74.87	79.58	79.25	78.83	78.58
2500	88.33	79.83	78.02	77.44	76.59	77.32	78.33	88.19	79.34	78.78
3152	82.68	82.52	88.49	82.84	83.78	84.51	84.82	88.31	88.43	87.43
4000	83.81	80.34	81.21	81.13	81.37	78.78	82.22	84.98	83.98	82.51
5000	88.83	78.18	78.33	77.94	78.09	74.41	82.41	81.87	82.38	88.89
6300	85.41	84.13	83.33	82.42	84.14	82.93	82.99	87.29	85.88	83.55
8000	83.29	79.17	88.83	78.94	82.83	78.66	79.44	82.37	81.42	82.88
10000	83.19	82.75	81.74	81.44	85.27	88.86	82.32	82.24	82.61	81.59

MEASURED CASPL	94.15	93.13	92.48	91.83	92.54	91.29	92.27	95.26	94.27	93.69
CALCULATED CASPL	93.67	92.63	91.83	91.52	92.48	91.91	92.04	94.71	93.88	93.84
P408	106.3	107.6	106.6	105.6	106.6	106.2	106.3	109.8	108.9	108.1

QAPLI 147.3

AMBIENT TEMP. 32.88
METABULS TEMP. 20.49
BAR. PRESSURE 20.99
ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 2B - 9C. 1/P 1/30/70 R/D 2/3/72-3

RUNALL R0880 SPEED=5000

RADIAL DISTANCE 152

DATE: 2/24/77

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

2.2 10.2 20.2 30.2 40.2 50.2 60.2 70.2 80.2 90.2 100.2 110.2 120.2 130.2 140.2 150.2 160.2 170.2 180.2 190.2 200.2

ANGLES FROM INLET

FREQ.	2.2	10.2	20.2	30.2	40.2	50.2	60.2	70.2	80.2	90.2	100.2	110.2	120.2	130.2	140.2	150.2	160.2	170.2	180.2	190.2	200.2
50	1.811	-2.63	-2.32	-2.59	-2.51	-2.819	-3.49	5.349	-3.25	-2.23	-1.39	-0.997	-0.959	2.418	1.794	1.248	1.445	1.796			
63	2.116	-2.38	-2.14	-2.42	-1.83	-1.798	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
80	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
100	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
125	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
150	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
180	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
200	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
250	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
315	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
400	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
500	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
630	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
800	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
1000	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
1250	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
1500	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
1800	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			
2000	2.111	-1.69	-3.09	-2.48	-1.34	-0.841	-2.11	1.69	-3.09	-2.48	-1.34	-0.841	-1.500	3.439	1.362	1.305	2.962	4.539			

AMBIENT TEMP. 32.82
WET-BULB TEMP. 26.49
BAR. PRESSURE 28.09
AIR HUMIDITY 2.322

FAA FA/COMPRESSOR - PHASE 50 + 90 7/3 1/32/72 2/3 2/3/72-3

RUN#11 802069 SPEED=9800

RADIAL DISTANCE 192

PAGE: 2

DATE: 2/4/77

SOUL PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	2.2	12.2	20.2	32.2	41.2	52.2	62.2	72.2	82.2	92.2
52	3.233	3.947	-1.24	-1.44	-1.88	-1.34	-1.29	1.289	-1.216	1.221
62	1.239	4.629	-1.46	-1.69	-2.72	-3.17	-1.26	1.37	-1.225	1.336
80	1.463	-1.57	-1.54	-1.29	-2.91	-1.29	-1.235	1.81	1.495	1.822
100	1.703	-1.15	-2.23	-1.89	-3.53	-2.77	-1.286	1.348	1.490	2.547
125	1.522	-1.22	-2.52	-2.23	-3.12	-1.549	-1.541	1.232	1.597	1.544
160	-1.387	-1.41	-2.02	-2.15	-3.00	-1.19	-1.374	2.243	2.395	2.233
200	-1.133	-2.22	-2.23	-2.21	-1.22	-1.22	-1.189	1.489	2.743	2.277
250	3.214	3.428	2.256	1.943	-1.94	1.212	-2.38	-1.699	-1.721	-1.729
310	1.562	2.598	-1.647	1.139	-1.02	1.184	-1.35	1.412	1.419	1.419
400	-1.378	1.418	1.977	-1.671	-1.96	-1.87	-1.428	1.312	2.171	1.246
500	-2.147	-1.66	-2.14	-2.11	-2.14	-1.77	-1.596	2.443	2.243	2.413
600	-2.17	-1.925	-1.31	-2.24	-1.924	-1.449	-1.272	1.643	3.11	3.328
800	2.243	3.922	2.214	1.448	-1.077	-1.156	-1.129	1.635	1.456	1.339
1000	1.219	1.733	-1.49	-1.718	1.113	-1.534	-1.217	1.597	1.742	2.544
1250	1.276	1.788	1.538	1.529	1.316	-1.13	-1.231	1.824	2.168	1.616
1600	-1.137	1.441	1.259	1.283	1.229	-1.48	-1.783	2.756	2.395	1.794
2000	1.457	1.725	-1.278	-1.298	1.272	-2.83	-1.425	2.659	2.787	1.694
2500	1.514	2.239	1.145	1.552	-1.305	-1.813	-1.113	2.371	2.395	1.243
3100	-1.212	1.791	-1.139	1.489	1.249	-1.914	-1.277	1.739	3.124	1.216
4000	1.242	-1.419	-1.13	1.224	1.109	-1.185	-1.1854	4.387	3.237	1.286
5000	-1.122	-1.82	-1.156	-1.189	1.237	-1.113	-1.269	2.421	3.567	1.584
6300	1.638	-1.674	-1.723	1.401	1.616	-1.669	-1.106	3.599	3.358	1.737
8000	2.181	1.624	-1.708	-1.189	2.193	-2.85	-1.149	1.292	3.424	1.588
10000	1.762	-1.319	-1.421	1.641	1.125	-2.169	-1.7319	1.349	1.272	-1.292

AMBIENT TEMP. 32.22
WET-BULB TEMP. 26.49
BAR. PRESSURE 24.92
ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5R + 5C Y/C 1/3/772 R/C 2/3/772-3

RUN#11 R00#92 SPEED#5922

DATE: 2/24/77

PAGE: 1

RADIAL DISTANCE 150

SOURCE PRESSURE LEVELS REDUCED AT STA. CAP. TAV

FREQ.	ANGLES FROM INLET									
	2.2	10.2	22.2	32.2	40.2	50.2	60.2	72.2	82.2	92.2
52	74.29	72.83	68.48	69.25	71.68	72.85	73.21	74.59	72.22	73.84
63	71.17	76.49	58.17	69.49	71.62	71.79	72.64	75.58	73.43	74.31
82	78.87	68.25	67.64	67.98	78.48	71.24	73.83	74.29	73.54	74.18
102	78.95	69.52	66.67	68.19	70.35	71.61	73.99	77.58	77.29	77.39
125	83.68	62.97	66.57	67.68	68.44	73.47	71.88	74.15	73.76	74.46
162	68.96	66.92	66.29	65.39	68.13	69.64	71.11	73.33	73.12	72.91
202	65.78	68.97	65.59	66.83	69.37	71.24	65.82	72.94	74.12	73.11
252	65.65	66.59	65.52	65.47	64.57	64.63	65.74	67.31	67.56	67.71
312	78.18	71.61	72.28	69.68	67.24	67.68	68.37	78.62	72.59	71.81
482	73.33	73.89	73.67	73.56	70.63	71.98	73.29	74.51	75.02	75.22
582	72.54	73.87	72.54	73.24	73.23	74.43	75.66	76.66	77.18	77.49
632	71.68	72.46	71.28	71.69	73.39	74.13	74.52	76.18	77.45	77.27
812	74.38	78.35	76.40	74.58	72.58	72.41	72.73	74.25	74.53	74.89
1022	86.32	88.74	79.61	76.47	79.11	79.84	79.63	80.53	82.41	81.68
1288	88.25	81.61	88.32	85.18	88.32	78.24	72.44	81.42	82.87	82.79
1588	88.92	81.33	88.73	82.05	81.73	88.17	82.68	83.82	83.32	83.26
2082	88.84	82.98	79.25	88.42	88.74	78.25	82.57	82.98	82.54	81.99
4582	88.03	82.86	81.28	81.44	79.79	84.48	81.27	83.28	81.91	81.65
3152	88.12	86.73	83.29	84.61	85.24	83.44	84.49	85.73	87.42	87.25
4882	88.41	89.95	89.47	91.17	98.23	88.99	89.76	93.99	91.34	91.91
5882	82.86	81.45	81.54	82.31	83.41	82.74	87.52	89.22	89.55	89.14
6382	84.41	86.25	83.59	85.17	85.12	84.64	85.15	87.41	85.94	84.58
8082	88.37	81.39	88.58	88.58	88.83	83.12	88.68	88.61	89.58	89.58
10202	85.77	84.79	94.52	84.73	88.71	82.29	83.74	85.84	85.08	83.47
MEASURED GASPL	95.89	95.66	94.96	95.95	96.25	94.56	96.32	98.61	97.37	96.82
CALCULATED GASPL	93.72	93.72	94.73	95.72	96.18	94.19	98.01	98.29	97.45	96.53
PVDB	118.5	119.3	129.6	118.8	118.5	189.3	112.5	113.5	111.9	111.6

CAP. 1 137.8

AMBIENT TEMP. 32.82
WET-BULB TEMP. 26.29
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.312

FAA. FAN/COMPRESSOR - PHASE 2B & 2C T/D 1/30/72 R/D 2/3/78-3

RUN#11 PDB#91 SPEED#5751

RADIAL DISTANCE 152

DATE: 2/24/70

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
40	1.891	-2.17	-4.53	-3.75	-1.33	-1.32						
63	-1.93	3.183	-5.42	-3.61	-1.51	-1.32						
80	-2.11	3.334	-4.73	-4.28	-2.89	-2.32						
100	-3.23	-4.69	-7.35	-6.83	-3.87	-2.98						
125	-2.39	-5.11	-5.51	-4.48	-2.61	-1.394						
160	-3.49	-3.51	-4.36	-4.27	-2.32	-0.87						
200	-3.278	-2.121	-4.38	-4.14	-2.11	-1.82						
250	-3.866	-2.257	-5.82	-5.95	-1.87	-1.48						
315	-4.226	-1.835	-5.358	-5.79	-2.52	-2.16						
400	-4.15	-3.098	-6.474	-2.344	-2.69	-1.39						
500	-2.23	-3.921	-2.24	-1.51	-1.22	-0.39						
630	-3.44	-1.66	-2.84	-2.43	-1.78	-0.99						
800	-4.02	-4.182	-2.581	-4.388	-1.38	-1.25						
1000	-1.797	-6.678	-0.478	-1.632	-1.02							
1250	-2.181	-1.395	-7.517	-6.943	-1.18							
1600	-1.257	-2.058	-3.12	-3.11	-0.892	-0.86						
2000	-4.728	-4.283	-5.17	-1.484	-4.633	-2.82						
2500	-5.918	-2.917	-9.432	-6.971	-5.53	-1.483						
3122	-6.871	-1.389	-1.22	-1.189	-1.74	-0.457						
4000	-5.731	-1.674	-3.66	-1.334	-3.868	-0.843						
5000	-7.419	-1.62	-1.71	-0.41	-1.689	-2.11						
6300	-4.139	-2.251	-4.12	-1.187	-1.126	-0.487						
8000	-1.588	-2.82	-4.54	-4.72	-2.411	-3.23						
10000	-1.689	-7.226	-4.269	-6.563	-4.631	-1.78						

C57

AMBIENT TEMP. 32.62
WET-BULB TEMP. 26.49
BAR. PRESSURE 24.99
RH3. HUMIDITY 2.512

FAA FAN/COMPRESSOR - PHASE 9B + 9C Y/D 1/30/77 R/D 2/3/77-3

RUN#11 RDN#91 SPEED#5750

RADIAL DISTANCE 132

DATE: 2/24/72

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INFLT									
	0.2	10.2	22.2	34.2	46.2	58.2	70.2	82.2	94.2	106.2
52	74.19	75.22	72.59	72.28	73.47	74.84	74.31	76.25	74.14	77.24
63	71.13	70.28	72.84	72.75	72.77	74.31	74.26	75.58	74.09	77.22
88	70.18	72.22	72.88	72.88	71.22	72.20	73.77	75.18	74.83	76.67
103	71.16	73.56	71.01	72.21	72.09	74.81	75.37	77.54	76.28	76.74
129	70.18	72.16	68.28	72.25	71.12	75.19	73.39	74.91	74.85	76.39
160	67.04	70.46	67.07	68.18	69.15	71.01	72.24	73.97	73.52	74.39
204	67.24	65.88	73.44	67.07	71.31	71.28	71.94	72.48	72.24	73.26
266	68.38	68.96	68.41	67.82	66.19	67.82	67.54	68.83	68.80	70.24
312	70.23	73.14	72.66	71.73	68.47	72.19	71.52	72.08	73.44	73.73
400	74.78	75.33	74.92	74.69	72.77	73.69	73.86	76.11	76.63	76.01
502	74.25	74.82	73.37	73.87	75.11	75.54	74.28	77.23	78.28	78.74
632	74.10	73.14	72.82	72.89	73.61	74.89	74.54	76.37	77.29	77.39
802	74.25	73.14	72.82	72.89	73.61	74.89	74.28	77.23	78.28	78.74
1002	82.30	81.90	82.32	78.06	79.37	79.71	80.37	81.45	81.95	82.21
1252	81.37	82.18	82.45	82.54	81.61	75.94	80.82	82.39	82.72	82.14
1602	82.62	83.88	83.46	81.89	82.62	81.12	83.16	84.83	84.52	84.88
2002	82.44	82.54	82.88	81.17	82.85	78.73	83.37	83.39	83.47	83.31
2500	82.63	84.92	83.34	81.76	81.12	81.93	82.21	83.74	82.98	82.11
3152	82.31	82.74	84.28	84.19	83.18	85.24	84.83	85.25	87.24	85.80
4000	91.62	91.82	92.26	93.14	93.04	89.98	93.09	95.91	94.33	91.39
5000	83.43	82.33	82.84	82.43	83.47	82.41	82.89	84.13	84.04	83.44
6300	85.17	85.39	85.11	85.39	86.86	86.81	86.94	87.72	87.84	87.82
8002	86.33	84.82	82.31	84.82	82.71	82.88	86.87	88.12	88.74	87.84
10002	86.84	85.76	88.18	84.15	86.22	83.08	84.52	89.15	87.41	84.68
MEASURED CASPL	97.18	97.14	97.11	96.99	97.58	95.78	97.98	99.67	98.89	97.34
CALCULATED CASPL	94.62	94.42	94.67	94.39	97.45	95.49	97.45	99.22	98.56	96.74
PNDB	111.6	111.8	111.9	112.1	112.4	118.3	112.9	114.8	113.9	111.9

CAPL: 151.0

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.49
BAR. PRESSURE 25.99
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 20 - 5C. T/D 1/38/72 R/D 2/2/72-3

RUN:11 R0092 SPEED:6000

DATE: 2/24/79

PAGE: 2

RADIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	0.0	10.0	22.2	32.2	40.0	50.0	60.0	72.2	80.0	92.2	100.0	110.0
50	722	8167	-2.31	-2.02	-1.23	-0.442	-0.586	1.354	-7.42	2.339	3.529	5.94"
63	-3.68	3.471	-2.77	-2.66	-2.24	-0.995	-0.533	7.741	-1.13	2.428	3.394	5.566
80	-3.53	-3.41	-3.88	-2.74	-2.49	-0.983	-0.285	1.441	-8.722	2.317	4.320	5.727
100	-4.52	-2.32	-4.07	-3.67	-3.19	-1.87	-0.514	1.661	2.422	3.662	4.729	5.123
125	-3.47	-1.28	-4.34	-3.39	-2.55	-1.544	-0.256	1.263	1.247	2.745	3.796	5.542
160	-4.46	-1.05	-3.55	-3.32	-2.37	-0.885	-0.245	2.246	1.983	2.674	3.623	4.597
200	-3.61	-1.69	-2.872	-3.41	-2.69	-0.888	-0.543	1.163	1.833	1.885	2.822	4.892
250	-2.69	-0.882	-3.395	-2.49	-1.88	-1.87	-0.533	7.975	7.912	2.371	3.848	4.689
312	-2.59	-1.388	-0.356	-2.397	-2.34	-1.43	-0.324	1.871	1.213	1.939	3.253	3.871
400	-0.93	-0.394	-1.216	-1.89	-2.43	-1.13	-0.234	1.327	1.851	1.889	3.268	3.357
500	-1.37	-0.82	-2.23	-1.75	-2.28	-0.238	-0.284	1.612	2.461	3.117	3.588	2.743
630	-0.42	-1.36	-1.66	-2.41	-0.995	-0.939	-0.324	1.862	2.786	2.882	2.829	2.427
800	-0.249	-0.883	-3.819	-3.236	-0.827	-1.11	-1.89	3.729	7.927	1.167	0.888	-0.235
1000	-2.517	-2.119	-4.909	-1.68	-0.407	-1.46	-0.954	1.798	1.793	2.349	4.272	-1.25
1250	-2.159	-2.324	-1.798	-3.113	-0.334	-1.12	-1.089	1.738	2.519	1.583	2.49	-1.22
1600	-0.921	-1.622	-1.481	-1.66	-0.692	-0.937	-1.102	1.967	2.458	1.942	-0.78	-2.61
2000	-1.234	-1.122	-0.739	-0.252	-0.328	-1.89	-1.247	1.977	2.248	1.893	-0.92	-2.83
2500	-1.159	-3.091	-1.849	-2.977	-0.349	-0.999	-0.743	2.272	1.913	6.302	-3.67	-3.26
3120	-0.362	-2.884	-0.184	-0.145	-0.125	-0.828	-0.246	3.671	1.863	3.152	-4.59	-2.42
4000	-0.292	-0.989	-0.971	-1.228	-1.129	-1.93	-1.779	4.827	2.427	-0.588	-3.12	-4.29
5000	-0.311	-1.19	-0.796	-1.24	-0.332	-1.33	-0.192	2.394	2.924	-0.383	-0.713	-4.1
6300	-1.953	-0.943	-1.161	-3.967	-1.883	-1.615	-1.948	2.724	2.245	-0.727	-2.77	-3.51
8000	-1.774	-2.04	-0.914	-2.988	-3.154	-3.48	-0.488	2.550	3.682	1.322	-1.42	-3.55
10000	1.420	1.147	-0.594	-0.477	3.623	-0.938	-0.162	5.244	2.791	0.888	-0.372	-3.24

AMBIENT TEMP. 31.82
METEOROL. TEMP. 27.49
BAR. PRESSURE 28.82
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/70 R/D 2/3/79-3

RUN#11 AC0002 SPEED=0030

DATE: 2/24/72

RADIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	ANGLES FROM INLET									
	2.2	10.2	22.2	38.2	48.2	58.2	68.2	78.2	88.2	98.2
50	75.44	73.74	73.15	74.42	74.01	73.94	75.39	77.33	75.08	76.08
63	72.98	77.39	72.55	74.55	73.89	73.02	74.94	76.89	76.23	77.17
80	69.84	71.83	71.54	72.83	72.69	72.72	74.48	76.35	74.82	76.78
100	71.01	72.94	72.12	75.11	74.27	74.73	75.77	78.18	80.31	78.97
125	72.93	71.47	72.82	72.28	72.33	74.48	74.85	76.52	76.24	74.88
160	68.43	69.21	69.40	70.19	70.29	71.24	73.18	74.58	74.53	74.48
200	67.83	71.48	68.86	68.93	68.93	68.28	72.83	73.53	73.46	72.91
250	63.33	65.94	65.68	65.75	63.69	63.70	68.25	70.33	72.44	70.84
315	71.12	73.37	73.18	72.32	72.81	72.75	72.58	74.14	74.98	75.87
400	74.93	75.14	75.35	75.31	72.87	74.42	75.93	77.74	78.46	78.35
500	75.15	74.48	74.28	75.28	75.68	76.23	77.21	78.79	79.66	79.24
630	74.49	74.68	73.25	73.59	74.49	75.30	75.76	77.34	78.84	78.15
800	82.99	82.81	81.18	79.92	80.19	79.93	81.32	82.87	82.68	82.61
1000	82.99	82.81	81.18	79.92	80.19	79.93	81.32	82.87	82.68	82.61
1250	83.22	82.91	83.31	82.64	83.87	81.40	83.91	84.92	85.49	85.88
1600	83.35	82.74	82.75	82.42	82.52	82.89	84.18	84.53	84.28	84.54
2000	86.91	87.16	86.70	82.14	85.72	86.38	83.27	85.81	84.27	83.34
2500	91.09	90.25	92.77	93.99	95.05	93.83	92.16	93.92	93.89	92.66
3150	83.98	82.52	84.82	83.78	83.19	82.73	88.18	88.91	87.34	85.24
4000	86.20	86.22	86.26	87.83	86.86	87.92	87.97	89.10	89.22	86.53
5000	88.29	84.48	87.85	82.19	98.98	83.72	87.82	88.42	88.91	82.67
6300	86.09	85.11	86.11	85.27	89.82	83.93	85.56	88.28	88.18	86.93
8000	97.47	96.72	97.08	96.51	98.85	97.25	97.81	100.2	99.41	98.53
10000	97.42	96.24	97.28	97.27	98.69	96.88	97.34	99.09	98.20	95.54
MEASURED CASPL	112.8	111.1	112.9	113.1	113.0	112.5	112.4	115.2	114.1	113.2
CALCULATED CASPL										

AMBIENT TEMP: 33.80
WET-BULB TEMP: 27.40
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.47E

FAA FAN/COMPRESSOR - PHASE 2E.4.9C. 1/D 1/39/70. R/D 2/17/73

RUN#11 RDG#93 SPEED#1387

CAP#11 152.6

RADIAL DISTANCE 150

DATE: 2/9/77

SOUND PRESSURE LEVELS REF DB AT STANDARD DAY

FREQ	ANGLES FROM 1 LEFT									
	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
32	71.25	71.04	71.18	71.25	72.47	71.74	71.56	75.28	74.83	72.12
63	72.13	76.08	72.84	72.11	72.13	71.74	74.43	75.01	75.91	77.32
125	72.65	71.64	72.47	74.36	77.27	76.92	76.18	77.38	78.34	81.57
250	72.65	69.67	69.64	70.43	72.35	71.33	74.83	75.34	76.32	78.88
500	67.27	67.95	67.72	68.22	69.21	71.24	72.58	73.66	74.62	75.26
1000	65.59	67.73	67.92	68.35	69.35	71.58	67.02	69.09	69.71	70.54
2000	62.73	64.97	64.94	65.24	66.32	68.89	72.48	74.58	75.18	76.25
4000	75.66	76.53	76.82	77.88	73.08	74.25	76.98	78.47	79.15	79.25
8000	74.22	77.28	75.48	75.37	76.15	76.78	77.82	78.55	80.82	81.23
16000	74.02	74.26	72.94	74.27	74.24	75.47	75.75	77.06	78.58	79.74
32000	82.79	82.96	81.73	82.82	84.87	86.18	85.87	82.19	82.33	83.99
63000	81.43	83.38	82.24	81.63	82.14	82.23	83.78	85.23	82.71	82.58
125000	82.14	82.23	82.45	82.23	82.07	81.27	84.82	85.25	85.95	85.74
250000	82.28	81.79	81.44	81.08	82.53	79.78	81.84	84.43	84.94	84.24
500000	82.19	83.66	83.72	82.67	82.37	82.47	83.64	85.32	84.94	83.79
1000000	83.72	86.37	86.23	86.54	85.61	86.88	84.41	85.41	88.64	87.33
2000000	98.42	87.85	92.72	94.47	94.28	91.33	93.56	95.39	94.89	91.61
4000000	83.74	82.24	84.21	84.34	85.78	82.63	88.44	87.38	87.28	85.39
8000000	85.17	85.46	95.72	86.57	87.47	88.88	89.61	89.32	89.93	86.34
16000000	88.54	85.25	87.41	86.29	88.48	88.48	87.64	89.48	89.55	88.27
32000000	89.81	84.33	85.25	84.65	89.29	83.86	85.35	87.53	87.91	86.88
63000000	97.12	86.28	97.41	97.69	99.42	96.19	91.22	99.94	99.46	98.72
125000000	94.25	95.33	94.97	92.54	98.42	96.13	92.93	98.62	99.14	97.88
250000000	112.9	109.7	112.3	113.1	113.4	111.2	113.1	114.9	114.3	112.7

GAP 11 152.4

A-BLEN 72-P, 33.42
 MEASURED DASHL 27.42
 GAB, PRESS RE 21.99
 ABE, -ILITY 2.47

FAA FAX 72022255-3 - P-SE 23 - 52. Y/P 1/32/77 8/D 2/3/77-3

PLA 111 1-4-74 SPEED 4452

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RADIAL DISTANCE 150

SC-3 PRESSURE LEVELS RESPECTIVITY INDEX

ANGLE FAC 1.57

FREQ	1.59	2.04	3.21	3.44	2.42	3.15	-1.34	3.91	-3.66	2.22	1.58	8.175
52	-3.32	1.224	-3.37	-3.35	-3.32	-3.72	-1.23	1.488	4.952	1.926	4.374	7.952
63	-6.11	-4.92	-4.54	-4.44	-3.22	-2.44	-2.48	6.299	1.139	2.648	4.254	7.851
84	-6.75	-5.75	-6.56	-3.27	-3.59	-3.23	-1.25	7.257	9.110	4.136	4.928	6.564
125	-8.42	-4.89	-5.54	-4.18	-2.22	-2.22	-3.22	7.919	1.254	3.192	4.412	6.659
162	-4.99	-4.31	-4.54	-4.24	-3.25	-1.22	-3.65	1.432	2.504	2.999	4.773	5.992
222	-4.28	-2.65	-3.51	-3.32	-1.73	-1.11	-1.64	9.642	3.289	3.594	3.941	4.738
257	-2.54	-1.47	-1.614	-1.78	-2.37	-2.55	-1.13	9.642	1.582	2.417	4.525	5.764
315	-4.95	1.288	-5.645	-1.44	-3.84	-2.72	-2.87	9.91	1.519	2.372	4.279	5.129
422	-1.16	-2.93	-3.45	-1.94	-3.14	-1.97	-1.967	1.654	2.327	2.426	4.193	3.632
522	-1.59	-5.91	-2.21	-2.29	-1.52	-2.82	-2.35	1.317	2.798	3.962	3.193	1.617
632	-1.72	-1.66	-2.19	-2.14	-1.14	-2.21	-6.22	1.291	1.251	1.324	1.537	2.877
842	-5.62	1.288	-3.27	-2.51	-1.27	-2.34	-1.28	1.319	1.434	3.116	5.294	9.967
1282	-1.922	2.786	0.949	-0.87	-3.27	-0.91	-3.31	1.342	1.332	1.688	2.512	6.681
1687	-5.34	1.484	1.377	1.413	1.245	2.837	1.387	2.638	3.268	3.297	9.937	2.779
2284	-1.457	-6.16	2.141	-4.19	2.212	-1.37	2.241	2.636	2.933	2.238	1.22	3.19
2592	-2.559	2.232	-1.138	-1.18	3.895	-2.21	7.383	3.711	2.134	1.479	-3.81	-3.29
3152	-1.939	1.394	1.418	3.811	1.614	1.642	-1.82	3.941	2.428	1.722	5.27	3.22
4067	-1.97	-4.13	7.987	2.489	2.799	-9.49	1.362	3.11	2.718	-3.69	-3.19	-5.41
5282	-1.944	-2.48	-3.24	-3.76	1.245	2.29	3.725	2.885	3.766	3.851	6.621	4.84
6322	-1.42	-1.11	-1.872	-7.16	8.948	1.475	2.417	2.929	3.238	-3.951	-3.72	-4.22
8822	1.489	2.29	2.771	-8.39	3.351	-2.73	3.867	2.562	2.411	1.932	5.442	4.29
1028"	4.262	-1.26	-1.134	-5.934	3.926	-2.33	-8.31	2.143	2.529	1.499	-2.67	-3.87

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AIRTEMP 11.2
WINDTEMP 27.45
BAR PRESSURE 28.95
WINDSPEED 2.67

FAA FAX/COPRESSOR - PAGE 5 - 50 7/5/54/77 R/L 2/3/70-3

DU-11 R-364 SEE 865

DATE: 2/7/78

PAGE: 1

WATER DISTANCE 150

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0	90.0
50	74.27	72.37	72.31	73.86	74.20	74.85	75.35	76.42	75.61	77.58
63	72.45	71.37	73.92	74.44	74.51	74.81	75.47	76.71	77.27	78.25
82	68.38	70.88	71.18	73.88	73.38	73.75	75.88	76.18	76.28	77.83
100	73.08	74.81	71.37	76.15	77.53	78.21	77.85	79.22	81.17	82.85
125	71.88	72.18	68.84	71.17	74.28	74.45	76.18	77.33	78.28	82.38
160	68.14	69.49	69.24	69.26	72.57	72.17	74.84	75.83	75.58	76.54
200	67.41	68.41	67.88	68.12	68.18	68.67	71.87	72.18	73.27	74.24
250	66.76	68.85	70.68	69.26	67.89	67.85	69.49	76.82	71.54	72.67
315	76.38	78.31	75.13	74.54	72.64	72.48	74.25	76.12	77.88	77.85
400	77.59	77.81	77.18	76.17	75.11	75.27	77.92	80.87	79.87	82.36
500	77.48	78.31	75.37	75.78	77.44	77.47	78.26	82.97	81.23	83.58
630	79.37	79.89	75.97	75.41	75.17	76.12	78.13	79.29	79.74	82.45
800	78.87	81.88	78.28	77.72	78.21	78.88	77.11	78.45	78.81	82.97
1000	83.87	83.19	88.92	79.09	88.75	89.53	81.55	82.92	82.33	83.29
1250	81.58	83.18	82.88	81.48	82.48	83.11	82.14	83.88	83.55	83.31
1600	83.72	82.88	82.85	82.47	82.98	82.86	84.49	85.44	85.96	84.91
2000	83.72	82.88	81.38	82.83	82.31	82.67	84.58	84.86	85.14	86.46
2500	83.69	84.99	83.81	85.85	82.16	83.17	83.31	85.19	84.28	83.39
3150	82.15	84.82	88.19	84.38	85.31	84.74	84.48	88.02	87.88	84.82
4000	92.46	89.85	91.82	90.39	94.39	90.15	90.82	95.85	94.52	92.22
5000	82.73	83.28	84.82	85.73	88.83	84.59	85.83	87.99	88.14	85.58
6300	88.85	89.98	89.50	88.32	86.02	89.32	88.61	89.91	89.62	86.21
8000	98.84	84.84	87.83	84.79	81.48	82.34	88.27	92.82	92.82	87.89
10000	87.33	84.99	84.89	84.92	88.22	84.73	86.37	88.21	89.13	87.33

MEASURED OASPL
CALCULATED OASPL
PNDR

90.14 96.59 96.95 97.18 98.73 97.86 98.97 108.4 99.93 98.98 97.25 97.72
97.95 98.14 98.38 98.81 98.78 97.54 98.61 108.1 99.68 98.81 96.55 96.58
112.8 116.7 111.9 122.2 113.7 118.8 113.8 115.5 114.8 113.8 119.8 112.3

OASPL 152.9

AMBIENT TEMP. 33.88
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.478

FAA FAN/COMPRESSOR - PHASE 20 & 2C T/D 1/38/72 R/D 2/3/72-3

RUN=11 RQ=95 SPEED=4080

DATE: 2/24/77

RADIAL DISTANCE 192

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET																		
	0	18.2	22.8	35.7	47.7	52.8	62.8	72.2	82.9	92.2	102.7	112.7	122.7	132.7	142.2	152.7	162.7	172.7	182.7
50	-2.47	-3.95	-4.54	-3.48	-2.25	-2.49	-1.19	-1.23	-739	1.234	4.769	8.812							
63	-4.56	-3.35	-3.11	-2.98	-2.51	-3.21	-1.55	-1.329	-727	1.229	4.412	8.384							
80	-6.05	-5.17	-4.08	-4.87	-2.91	-2.32	-0.84	-1.172	-4228	1.859	5.314	8.372							
100	-5.32	-4.36	-7.61	-3.82	-2.13	-1.966	-0.32	-2.438	1.995	3.474	4.982	6.518							
125	-5.19	-4.89	-7.12	-3.92	-2.79	-2.423	-0.886	-2.433	2.222	3.446	5.219	6.524							
150	-5.73	-4.38	-4.63	-4.62	-3.31	-1.71	-1.638	1.159	1.727	2.863	5.784	6.729							
180	-4.21	-3.24	-3.76	-3.48	-3.44	-1.95	-1.848	1.641	1.657	2.823	5.274	6.726							
200	-1.89	1.936	0.188	-1.39	-2.76	-2.69	-1.15	1.642	0.856	1.958	4.448	6.445							
250	-2.87	3.186	-0.889	-1.88	-2.98	-2.14	-1.37	1.937	2.365	2.326	3.439	3.469							
315	-2.52	-0.27	-0.63	-1.67	-2.73	-1.57	-0.783	2.234	2.134	2.516	3.588	2.919							
400	-1.82	-1.51	-2.45	-2.63	-1.38	-0.947	-0.433	2.483	2.629	3.173	3.539	1.724							
500	-1.81	-1.59	-1.62	-1.77	-2.81	-1.84	-0.539	0.634	1.128	2.954	3.264	3.169	2.524						
630	1.123	3.399	2.978	0.788	1.44	-0.828	0.539	0.634	1.128	2.954	3.264	3.169	2.524						
800	2.093	1.387	0.425	-1.19	-1.28	-0.355	0.561	2.838	1.747	1.747	1.588	1.73	1.683						
1000	1.748	1.382	0.795	-1.95	0.273	0.832	1.597	2.548	3.065	2.923	-0.26	-2.12							
1250	1.825	0.213	-1.41	-4.19	0.865	-0.634	2.219	2.538	2.818	2.139	1.24	-2.82							
1500	1.481	0.244	-1.28	-2.92	2.893	-1.42	0.283	2.795	1.988	1.811	-3.75	-2.72							
2000	1.387	1.715	0.281	0.674	-2.17	0.804	-0.739	3.925	2.122	1.125	-5.12	-2.23							
2500	1.459	1.127	-0.288	0.676	-0.88	1.283	1.733	3.543	2.228	-0.271	-3.16	-4.29							
3150	1.096	0.23	-1.388	1.185	2.899	0.859	3.582	2.545	2.992	1.347	-0.833	-3.82							
4000	0.993	-0.22	-1.84	-2.13	1.188	0.831	1.855	3.133	2.862	-0.748	-3.51	-3.37							
5000	0.948	-0.772	-1.38	-4.37	0.857	2.563	1.289	2.823	2.469	-0.884	-1.14	-3.52							
6300	2.827	-0.78	-0.92	-3.28	3.438	-0.931	0.328	1.941	3.762	1.266	-0.196	-2.76							
8000	1.256	-1.28	-1.17	-3.14	3.448	-3.34													

C95

C95

AMBIENT TEMP. 33.88
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.89
ABS. HUMIDITY 2.478

FAA FAN/COMPRESSOR - PHASE 9B @ 5C T/D 1/28/77 R/D 2/3/78-3

RUN#11 R00095 SPEED=6087

RACIAL DISTANCE 150

DATE: 2/24/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLE FROM INLET									
	2.2	10.2	22.8	38.2	43.7	58.2	62.7	72.0	82.0	92.2
52	75.34	73.35	73.17	73.12	74.41	74.14	74.75	74.09	74.47	73.61
63	75.67	77.77	73.79	74.24	73.09	74.14	77.12	77.55	77.56	79.74
78	71.28	71.77	72.27	72.86	73.33	74.39	74.04	74.44	74.42	82.81
98	72.59	73.17	72.24	73.97	75.02	76.58	77.05	79.27	82.23	81.81
128	73.39	72.14	71.69	74.84	74.44	79.16	78.33	78.71	81.25	82.85
168	69.98	70.89	70.34	74.03	71.53	73.54	75.47	76.88	77.32	78.21
208	67.95	69.22	68.97	71.71	69.33	71.18	72.69	73.58	74.41	75.34
258	66.21	78.78	78.04	79.69	78.13	80.88	72.69	71.67	72.45	73.67
318	75.04	77.32	74.48	75.52	72.44	72.89	75.18	76.93	77.79	78.67
402	77.15	78.52	77.26	76.99	76.11	76.94	78.98	86.78	81.52	82.53
502	77.84	78.47	77.44	77.54	78.34	79.34	84.92	82.29	82.99	83.69
638	74.39	76.52	75.26	76.65	78.89	78.28	79.78	83.19	81.09	82.89
828	72.22	78.18	78.78	78.19	76.47	77.84	77.48	78.23	78.11	78.61
1028	82.29	82.37	82.38	82.72	81.89	82.88	82.72	83.23	83.12	84.53
1288	81.28	82.74	82.38	82.73	83.24	81.49	83.54	83.67	82.84	83.44
1688	82.39	82.38	82.95	83.89	84.49	82.88	85.04	85.75	86.51	86.33
2088	81.92	81.74	81.02	82.54	83.67	82.99	84.78	85.15	85.33	85.23
2588	83.37	86.85	84.23	84.88	86.87	87.74	83.88	85.56	84.51	84.85
3152	98.98	88.32	92.77	93.33	96.03	94.82	97.19	97.37	96.15	92.33
3802	87.85	85.18	88.74	89.35	92.12	92.44	84.84	92.92	92.44	89.17
4602	84.98	85.69	85.76	87.14	88.98	89.87	88.43	98.46	88.84	86.38
5502	87.88	84.23	87.72	87.83	92.79	88.14	98.45	91.77	92.27	92.43
6502	89.83	89.51	88.27	86.44	91.83	87.58	88.59	88.98	98.29	89.05
7602	96.83	96.44	97.84	96.24	103.6	99.38	101.2	101.9	101.2	99.61
8802	98.29	96.87	97.56	97.25	130.7	99.28	101.8	103.8	102.9	99.24
10202	111.9	112.4	112.7	113.1	115.5	114.4	116.3	116.9	116.1	113.9

0AP-L1 154.3

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 & 90 7/9 1/32/72 R/D 2/3/73-3

RUN=11 RQ=86 SPEED=6580

DATE: 2/24/72

PAGE: 2

PAIAL DISTANCE 150

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
50	-1.91	-1.324	-0.73	-3.75	-2.27	-2.74	-1.29	-1.09	-0.44	-1.735	4.232	8.453							
63	-5.99	-5.49	-4.89	-4.29	-3.69	-3.09	-2.49	-1.89	-1.29	-0.69	1.31	2.748	5.853	7.814					
80	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
100	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
125	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
160	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
200	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
250	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
315	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
400	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
500	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
630	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
800	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
1000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
1250	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
1600	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
2000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
2500	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
3150	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
4000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
5000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
6300	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
8000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					
10000	-5.99	-5.43	-4.83	-4.23	-3.63	-3.03	-2.43	-1.83	-1.23	-0.63	1.319	2.748	5.853	7.814					

AMBIENT TEMP 31.82
WET-BULB TEMP 27.49
BAR. PRESSURE 26.89
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 59 + 50 T/D 1/32/72 R/D 2/3/72-3

RUN#11 R03#96 SPEED#6900

DATE: 2/24/77

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	2.2	12.2	22.2	38.2	48.2	58.2	68.2	78.2	88.2	98.2	108.2	118.2
50	-2.48	-4.95	-8.58	-4.61	-3.71	-3.49	-1.84	-3.86	-2.94	-1.97	1.97	4.71
63	-2.43	-1.26	-4.96	-3.66	-3.88	-3.91	-1.86	-1.71	-3.23	1.979	4.514	8.098
80	-6.05	-8.43	-8.11	-4.48	-4.33	-3.31	-1.84	-8.46	-9.93	2.493	5.18	8.315
100	-6.59	-5.49	-7.29	-4.78	-3.65	-2.54	-1.83	-5.322	1.260	2.933	5.293	7.859
125	-1.87	-4.71	-7.82	-3.45	-2.14	1.988	-1.23	-8.31	3.522	1.989	3.512	6.553
162	-5.80	-4.79	-5.14	-4.60	-3.56	-2.87	-1.29	1.114	1.990	2.985	4.986	7.867
202	-4.56	-3.18	-3.45	-3.84	-2.41	-1.48	-1.36	1.355	2.492	3.391	4.518	5.445
250	-1.71	1.811	-1.209	-1.72	-2.58	-2.88	-1.26	1.586	9.667	2.874	4.49	4.759
315	-1.87	1.8277	-1.47	-1.45	-3.41	-2.48	-1.53	1.344	1.512	2.385	4.716	4.729
400	-1.24	-1.88	-2.62	-2.38	-3.13	-1.82	-1.85	2.863	2.534	2.989	4.422	3.963
500	-3.23	-3.21	-2.84	-3.86	-1.11	-1.24	1.962	1.816	2.939	3.365	4.853	2.899
630	-3.44	-1.58	-3.15	-4.81	-0.93	-1.298	1.470	2.188	2.782	3.572	2.795	1.582
800	2.036	2.421	1.188	1.789	1.889	1.277	1.584	1.552	1.486	1.878	1.814	3.123
1000	-1.16	-4.58	-1.96	-1.82	2.818	0.555	1.986	1.945	1.983	3.176	1.267	1.899
1250	3.972	1.676	1.715	-0.898	1.448	-0.489	1.388	1.743	1.381	1.615	2.022	1.482
1600	-1.842	-1.776	-1.24	-0.73	1.789	-0.545	2.136	2.393	3.826	2.432	1.568	-1.98
2000	3.383	0.928	-0.31	1.281	1.345	-1.48	2.929	2.537	2.999	1.783	1.11	-2.63
2500	1.871	1.159	-1.045	-1.129	2.836	1.085	1.843	2.725	1.865	1.494	3.47	-2.82
3150	2.613	0.918	-1.683	3.128	1.692	1.167	3.083	3.427	1.799	1.746	2.15	-2.64
4000	-2.34	-4.79	-1.51	2.119	3.891	1.885	3.377	3.997	4.789	-2.14	-4.61	-5.57
5000	-2.86	-4.85	-1.48	5.839	25.9	1.682	4.598	3.316	2.888	-2.51	1.14	-5.77
6300	-1.17	2.28	-1.86	-1.97	9.783	1.482	3.389	3.46	2.882	-1.21	3.08	-3.93
8000	-1.27	2.154	-1.39	-1.88	3.883	1.236	3.194	2.282	2.591	-3.84	-2.36	-4.49
10000	-1.37	-1.43	-1.58	-0.93	4.355	1.399	1.891	1.992	1.777	1.465	-1.27	-4.39

C99

AMBIENT TEMP: 32.88
WET-BULB TEMP: 27.49
BAR. PRESSURE: 28.89
ABS. HUMIDITY: 2.478

FAA FAN/COMPRESSOR - PHASE 58 + 5C Y/D 1/36/78 R/D 2/3 78-3

RUN=11 MD=07 SPEED=7100

DATE: 2/24/77

PAGE: 1

RADIAL DISTANCE 159

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	F.2	18.2	22.8	38.2	48.8	58.2	68.8	72.8	88.0	98.8
52	74.58	73.78	72.64	72.08	74.56	74.88	74.84	78.78	78.24	82.45
63	74.20	70.13	74.66	75.14	75.31	75.25	77.89	79.43	79.87	81.82
88	71.47	73.38	73.66	73.87	74.88	75.83	78.89	78.41	81.38	81.72
100	73.74	74.84	73.66	75.87	76.37	77.59	79.42	81.83	81.99	83.41
125	88.81	76.52	78.27	72.88	79.72	82.14	79.84	82.48	83.58	87.26
168	71.83	73.31	72.49	72.54	73.65	75.38	77.35	78.76	79.71	80.45
202	48.98	71.43	71.42	71.18	71.28	73.19	74.28	78.48	77.13	77.12
250	69.49	72.43	71.27	71.41	71.26	78.14	71.99	73.90	74.19	75.94
315	79.61	72.88	72.13	72.87	72.84	73.41	71.99	78.38	78.35	88.55
402	78.43	79.37	78.54	78.17	76.95	78.91	82.13	82.87	84.38	84.21
502	79.44	79.42	78.88	79.27	88.41	88.32	82.37	83.28	83.11	88.53
632	74.32	78.51	77.69	81.60	81.91	88.25	81.42	82.51	83.81	85.33
802	78.37	78.18	78.87	78.44	78.93	78.87	81.18	88.48	82.55	82.78
1002	81.39	82.11	82.82	81.31	82.81	82.54	81.23	84.16	84.43	85.38
1258	81.48	83.18	83.28	82.47	83.75	83.32	83.54	88.19	83.16	87.77
1608	82.28	81.63	81.95	83.34	83.99	83.38	85.34	85.86	86.28	85.34
2082	88.38	88.44	88.44	81.88	82.66	88.14	84.52	84.71	84.37	82.92
2502	81.03	82.39	81.72	81.36	81.85	83.81	83.19	84.38	83.25	82.59
3152	83.38	88.73	85.35	88.11	88.37	87.31	85.52	88.42	87.17	85.94
4086	88.61	86.38	92.24	94.99	94.44	89.38	92.47	94.78	98.99	82.67
5082	84.52	81.45	92.47	88.98	88.43	84.74	84.88	97.18	94.52	93.22
6382	87.13	87.48	86.39	87.15	88.94	88.68	88.41	98.37	88.72	95.15
8080	87.98	84.77	87.83	88.89	81.28	88.64	88.82	98.52	89.67	88.35
10222	88.19	87.76	89.21	89.99	83.98	89.96	89.75	89.94	89.56	89.81
MEASURED CASPL	98.52	97.56	188.2	182.7	184.3	99.48	181.1	181.9	181.2	188.2
CALCULATED CASPL	98.41	97.19	188.2	97.45	99.91	99.26	182.6	181.7	182.5	99.77
P. DB	115.2	111.6	115.1	117.5	114.2	113.9	115.7	116.5	115.1	113.8

OAP. Lf

AMBIENT TEMP. 33.28
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.472

FAA FA/FCO PRESSURE = PHASE 20 + 90 T/D : 30/78 R/D 2/3/72-3

RUN 11 SPEED 07302

154.6

DATE: 2/14/72

SOUND PRESS-RE LEVELS DIRECTIVITY 1, 2

FREQ.	ANGLES FROM INLET									
	2.2	18.2	22.8	38.2	42.2	58.2	62.2	72.2	82.2	92.2
52	-3.21	-5.21	-6.11	-5.81	-4.23	-1.91	-1.85	-2.42	-2.52	-1.65
62	-5.46	-1.54	-5.11	-4.53	-4.66	-4.41	-1.77	-1.84	-2.45	-2.149
82	-2.59	-5.91	-5.59	-5.39	-5.18	-1.43	-1.21	-1.525	-1.425	-2.458
122	-4.87	-5.77	-6.95	-5.54	-4.24	-3.83	-1.19	-4.174	-1.31	-2.793
125	-4.124	-4.55	-8.42	-5.99	-3.15	-2.29	-4.123	-1.574	-4.513	-4.187
162	-5.84	-4.17	-4.95	-4.94	-3.83	-2.17	-1.92	-1.281	-2.245	-2.971
222	-4.22	-5.73	-3.17	-3.24	-2.81	-1.95	-2.982	-1.283	-2.921	-2.862
252	-3.96	-1.978	-1.73	-1.59	-1.79	-2.87	-1.42	-6.686	-1.182	-2.932
312	-2.83	-1.356	-2.31	-2.37	-4.59	-3.83	-4.84	-6.376	-1.912	-1.112
422	-2.91	-1.96	-2.78	-3.16	-4.39	-2.43	-7.982	-1.466	-3.508	-2.074
522	-2.69	-2.72	-3.25	-2.84	-1.51	-1.81	-4.523	-1.823	-3.242	-3.424
632	-4.05	-2.66	-3.49	-5.84	-7.354	-9.23	-2.456	-1.943	-2.442	-4.164
822	-3.62	-2.825	-1.11	-1.54	-4.82	-1.18	-1.198	-5.872	-3.772	-2.798
1222	-1.12	-1.28	-3.841	-1.28	-2.929	-2.39	-7.128	-1.649	-1.915	-2.866
1622	-2.27	-1.86	-2.84	-1.39	-2.182	-2.731	-2.229	-2.355	-2.21	-2.263
2022	-1.91	-1.56	-1.24	-1.62	-6.664	-8.16	-2.145	-2.469	-2.828	-2.131
2822	-1.24	-1.19	-1.17	-1.82	-1.825	-1.49	-2.878	-3.729	-2.732	-1.288
3582	-1.489	-1.776	-1.847	-1.32	-3.222	-1.490	-1.677	-2.869	-1.737	-1.884
4122	-1.325	-1.189	-1.274	-1.82	-7.324	-1.888	-1.181	-3.927	-1.543	-3.284
4882	-1.59	-4.13	-2.59	-2.493	-3.933	-1.22	-1.972	-3.276	-4.947	-1.89
5882	-3.899	-1.89	-3.824	-2.16	-24.9	-1.198	-3.418	-3.255	-3.377	-3.22
6882	-1.466	-5.824	-1.587	-1.727	-1.959	-1.642	-1.432	-3.388	-1.739	-1.82
8282	-4.314	-2.76	-1.581	-1.633	-1.417	-1.866	-1.495	-2.988	-2.137	-1.13
10282	-1.967	-1.39	-1.827	-1.648	-4.324	-8.134	-6.224	-7.892	-8.963	-1.143
18022										-1.74

C101

AMBIENT TEMP 33.28
NET-BULP TEMP 27.49
BAR. PRESSURE 24.89
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 9C T/D 1/36/72 R/D 2/3/72-3

RUN#11 RQ#005 SPEED#7388

DATE: 2/14/72

RATIAL DISTANCE 192

PAGE: 2

SC 5 PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM 1-51

FREQ.	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2
20	-3.37	-5.13	-5.87	-5.35	-4.27	-4.24	-2.43	-0.43	-0.03	1.714	4.891	9.355	-1.57	-0.507	-0.439	1.646	4.748	8.954	-1.44	8.213
60	-5.23	-1.89	-3.93	-2.84	-3.46	-4.17	-1.44	8.213	7.803	2.829	5.478	8.852	-1.37	1.994	9.282	2.024	5.501	8.621	3.281	5.275
100	-6.92	-6.24	-7.93	-6.42	-4.84	-4.12	-1.37	1.994	9.282	2.024	5.501	8.621	-1.37	1.994	9.282	2.024	5.501	8.621	3.281	5.275
140	-4.56	-3.46	-4.18	-3.28	-5.71	-4.31	-0.671	9.274	2.499	3.822	5.204	5.523	-0.671	9.274	2.499	3.822	5.204	5.523	-0.671	9.274
180	-4.92	-4.55	-5.29	-5.53	-4.33	-2.79	-0.497	9.274	2.499	3.822	5.204	5.523	-0.497	9.274	2.499	3.822	5.204	5.523	-0.497	9.274
220	-3.35	-2.81	-2.97	-3.64	-4.13	-2.49	-0.281	9.274	2.499	3.822	5.204	5.523	-0.281	9.274	2.499	3.822	5.204	5.523	-0.281	9.274
260	-4.14	-3.12	-3.16	-1.61	-2.88	-1.67	-0.238	1.522	1.798	2.933	3.244	3.823	-0.238	1.522	1.798	2.933	3.244	3.823	-0.238	1.522
300	-3.13	-2.46	-2.59	-2.33	-3.49	-2.85	-0.238	1.522	1.798	2.933	3.244	3.823	-0.238	1.522	1.798	2.933	3.244	3.823	-0.238	1.522
340	-3.51	-2.51	-3.78	-2.84	-2.87	-1.64	-0.677	2.263	5.211	3.327	4.128	1.949	-0.677	2.263	5.211	3.327	4.128	1.949	-0.677	2.263
380	-4.27	-2.96	-4.29	-3.43	-2.22	-2.22	-0.624	1.517	2.826	3.333	4.782	4.545	-0.624	1.517	2.826	3.333	4.782	4.545	-0.624	1.517
420	-4.19	-4.65	-4.89	-4.02	-3.25	-1.81	-0.818	2.794	2.979	2.312	2.285	3.213	-0.818	2.794	2.979	2.312	2.285	3.213	-0.818	2.794
460	-4.31	-2.71	-1.87	-1.92	-3.65	1.748	-0.7549	2.159	2.869	3.095	2.134	1.982	-0.7549	2.159	2.869	3.095	2.134	1.982	-0.7549	2.159
500	-2.75	-3.52	-2.61	-2.15	3.22	7.832	-1.837	9.981	3.973	3.823	4.128	4.163	-1.837	9.981	3.973	3.823	4.128	4.163	-1.837	9.981
540	-4.17	-2.71	-1.84	-2.87	1.325	7.832	-1.949	2.944	3.286	2.479	1.298	-1.53	-1.949	2.944	3.286	2.479	1.298	-1.53	-1.949	2.944
580	-2.14	-2.34	-1.949	-1.33	-3.59	-4.78	-2.911	3.168	2.926	1.499	-2.98	-1.43	-2.911	3.168	2.926	1.499	-2.98	-1.43	-2.911	3.168
620	-2.49	-2.48	-1.87	-2.75	4.292	-1.43	-1.199	2.309	1.523	1.171	-2.93	-2.29	-1.199	2.309	1.523	1.171	-2.93	-2.29	-1.199	2.309
660	-3.28	-0.13	-1.97	3.747	1.937	2.644	-0.578	2.889	1.292	-2.23	-4.48	-2.55	-0.578	2.889	1.292	-2.23	-4.48	-2.55	-0.578	2.889
700	-4.32	1.185	-0.74	1.994	2.226	2.121	-2.911	3.588	1.373	-1.17	-2.72	-4.25	-2.911	3.588	1.373	-1.17	-2.72	-4.25	-2.911	3.588
740	-1.872	-3.89	-1.27	6.981	2.667	-3.47	-3.997	1.288	-5.18	-2.51	-2.12	-6.35	-3.997	1.288	-5.18	-2.51	-2.12	-6.35	-3.997	1.288
780	-1.64	-3.55	-1.89	3.421	5.389	-1.72	-1.266	3.223	1.172	-1.28	-3.27	-3.37	-1.266	3.223	1.172	-1.28	-3.27	-3.37	-1.266	3.223
820	2.055	1.293	-1.93	6.225	1.859	9.392	-1.629	3.259	1.512	-1.35	-3.31	-4.71	-1.629	3.259	1.512	-1.35	-3.31	-4.71	-1.629	3.259
860	1.782	-3.89	-1.82	-8.11	4.234	-0.94	-1.682	2.067	1.771	-1.19	-2.91	-4.98	-1.682	2.067	1.771	-1.19	-2.91	-4.98	-1.682	2.067
900	-2.42	-2.49	-1.56	-1.657	3.777	2.764														
940																				
980																				
1000																				

C103

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.86
ABS. HUMIDITY 2.472

FAA FAV/COMPRESSOR - PHASE 58 & 5C 7/2 1/3072 R/D 2/3773-3

RUN#11 R0899 SPEED#752

RADIAL DISTANCE 150

DATE: 2/19/78

GROUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.8	18.0	28.2	38.2	42.8	50.8	58.8	68.8	78.8	88.8
52	82.22	83.72	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22
63	82.54	84.33	84.33	84.33	84.33	84.33	84.33	84.33	84.33	84.33
88	82.58	83.97	83.97	83.97	83.97	83.97	83.97	83.97	83.97	83.97
183	82.91	84.78	84.78	84.78	84.78	84.78	84.78	84.78	84.78	84.78
125	83.17	84.11	84.11	84.11	84.11	84.11	84.11	84.11	84.11	84.11
162	83.82	82.44	82.44	82.44	82.44	82.44	82.44	82.44	82.44	82.44
282	78.99	78.81	78.81	78.81	78.81	78.81	78.81	78.81	78.81	78.81
292	76.71	73.92	73.92	73.92	73.92	73.92	73.92	73.92	73.92	73.92
315	88.28	81.92	81.92	81.92	81.92	81.92	81.92	81.92	81.92	81.92
482	83.99	85.75	85.75	85.75	85.75	85.75	85.75	85.75	85.75	85.75
582	84.54	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38
632	82.18	84.79	84.79	84.79	84.79	84.79	84.79	84.79	84.79	84.79
882	81.81	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22	82.22
1082	80.78	83.46	83.46	83.46	83.46	83.46	83.46	83.46	83.46	83.46
1282	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38
1482	88.15	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49	87.49
1682	88.58	87.84	87.84	87.84	87.84	87.84	87.84	87.84	87.84	87.84
2082	88.13	84.19	84.19	84.19	84.19	84.19	84.19	84.19	84.19	84.19
2582	89.97	91.17	91.17	91.17	91.17	91.17	91.17	91.17	91.17	91.17
3182	98.55	94.39	94.39	94.39	94.39	94.39	94.39	94.39	94.39	94.39
4082	88.51	89.23	89.23	89.23	89.23	89.23	89.23	89.23	89.23	89.23
5082	88.51	89.23	89.23	89.23	89.23	89.23	89.23	89.23	89.23	89.23
6382	89.59	89.52	89.52	89.52	89.52	89.52	89.52	89.52	89.52	89.52
8282	93.77	93.72	93.72	93.72	93.72	93.72	93.72	93.72	93.72	93.72
10882	103.11	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9
MEASURED CASPL	98.94	99.28	100.8	101.3	103.5	108.8				
CALCULATED CASPL	98.58	98.59	123.2	122.2	122.2	123.2	128.2			
PDS	113.1	112.9	114.9	115.4	117.4	113.7				

CAP-1 156.2

AMBIENT TEMP: 33.82
WET-BULB TEMP: 27.49
BAR, PRESSURE 26.96
ABS. HUMIDITY 2.472

FAN FAN/COMPRESSOR - PHASE 28 2.50 1/P 1/3272 R/D 2/3/77-3

RUN#11 RQ#162 SPEED#7720

DATE: 2/25/77

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	2.2	18.2	20.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
50	-3.15	-2.82	-2.84	-3.12	-2.13	-2.11	-1.11	3.90	4.71	5.21
63	-4.69	-2.13	-3.22	-2.06	-2.24	-2.07	-1.15	2.58	3.71	4.12
80	-6.24	-3.94	-4.12	-3.85	-3.22	-3.24	-1.24	2.18	3.97	4.17
100	-6.36	-4.83	-5.24	-4.97	-3.79	-3.25	-1.43	4.29	4.96	5.15
125	-5.71	-7.93	-7.82	-7.59	-5.76	-2.49	-1.49	3.43	4.53	4.74
160	-4.02	-2.97	-3.19	-4.45	-3.18	-2.42	-1.87	4.28	4.72	4.77
200	-4.83	-2.12	-2.32	-3.38	-2.49	-1.58	-1.54	3.88	4.27	4.59
250	-4.26	-2.39	-1.84	-2.77	-2.23	-2.47	-1.29	3.12	4.29	4.68
315	-3.18	-2.99	-2.34	-1.92	-3.29	-2.76	-1.25	4.22	4.83	5.14
400	-5.31	-3.61	-4.29	-4.22	-3.42	-2.84	-2.28	4.29	4.94	5.48
500	-4.42	-2.29	-3.18	-1.74	-2.99	-2.39	-2.33	4.22	4.94	5.48
630	-3.21	-2.22	-2.17	-1.47	-2.89	-2.31	-1.87	4.13	4.63	5.12
800	-4.22	-2.35	-2.17	-1.47	-2.89	-2.31	-1.87	4.13	4.63	5.12
1000	-5.28	-1.68	-1.78	-1.83	-1.84	-2.19	-1.99	4.78	5.07	5.17
1250	-6.99	-4.78	-1.18	-1.79	-4.31	-2.81	-2.32	4.78	5.07	5.17
1600	-8.74	-4.48	-1.18	-2.29	-4.31	-2.81	-2.32	4.78	5.07	5.17
2000	-4.84	-1.19	-1.19	-2.34	-3.29	-3.09	-2.78	4.78	5.07	5.17
2500	-1.89	-1.59	-1.24	-3.32	-3.43	-3.18	-1.92	4.71	4.91	5.12
3150	-5.57	-2.54	-2.84	-1.43	-2.74	-2.46	-1.89	4.24	4.91	5.12
4000	-1.07	-2.19	-4.82	-3.82	-3.17	-3.84	-3.79	4.24	4.91	5.12
5000	1.06	-0.99	-1.18	-1.27	-2.03	-1.98	-1.33	4.22	4.91	5.12
6300	-5.97	-2.84	-1.28	-2.98	-4.21	-2.44	-1.84	4.22	4.91	5.12
8000	-2.55	-2.69	-0.74	-0.61	-3.25	-2.18	-2.44	4.22	4.91	5.12

C105

AMBIENT TEMP. 33.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 5C T/D 1/30/77 R/D 2/3/72-3

RUN#11 R08=190 SPEED=7700

DATE: 2/5/72

RADIAL DISTANCE 150

PAGE: 2

STATION PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	18.2	20.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
50	-1.15	-2.92	-2.94	-1.12	-2.11	-2.81	-1.11	-3.24	-1.47	-3.22	-1.47	-3.22	-1.47	-3.22	-1.47	-3.22	-1.47	-3.22	-1.47	-3.22	-1.47
60	-4.69	-2.23	-3.22	-2.66	-2.24	-2.87	-1.15	-2.35	-1.14	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
70	-6.12	-1.98	-4.12	-1.85	-3.22	-1.24	-1.24	-1.58	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27
80	-6.36	-4.33	-5.24	-4.57	-3.79	-3.25	-1.43	-4.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
90	-1.71	-7.94	-7.94	-7.94	-7.94	-7.94	-1.49	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
100	-4.62	-2.97	-3.19	-4.45	-3.15	-2.42	-1.27	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
110	-4.81	-2.22	-2.32	-1.29	-2.29	-1.28	-1.54	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
120	-4.26	-2.39	-3.84	-1.77	-2.23	-2.47	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22
130	-3.18	-2.99	-2.34	-1.92	-3.28	-2.24	-1.19	-2.59	-1.94	-2.82	-1.82	-2.82	-1.82	-2.82	-1.82	-2.82	-1.82	-2.82	-1.82	-2.82	-1.82
140	-5.11	-3.41	-4.28	-4.22	-1.42	-2.39	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
150	-4.42	-2.29	-3.19	-1.74	-1.98	-1.59	-1.21	-2.92	-1.17	-2.89	-1.91	-2.89	-1.91	-2.89	-1.91	-2.89	-1.91	-2.89	-1.91	-2.89	-1.91
160	-4.22	-2.34	-2.17	-1.47	-1.85	-1.43	-1.22	-1.85	-1.22	-1.85	-1.22	-1.85	-1.22	-1.85	-1.22	-1.85	-1.22	-1.85	-1.22	-1.85	-1.22
170	-5.22	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85
180	-6.89	-4.75	-1.19	-1.77	-4.31	-2.51	-1.84	-4.48	-1.18	-2.22	-4.31	-2.51	-1.84	-4.48	-1.18	-2.22	-4.31	-2.51	-1.84	-4.48	-1.18
190	-4.84	-1.19	-8.32	-2.53	-3.29	-3.69	-1.85	-1.59	-1.24	-1.32	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
200	-1.57	-2.54	-2.84	-1.42	-2.74	-4.26	-1.57	-2.54	-2.84	-1.42	-2.74	-4.26	-1.57	-2.54	-2.84	-1.42	-2.74	-4.26	-1.57	-2.54	-2.84
210	-1.67	-2.19	-3.82	-1.73	-3.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84
220	1.89	-9.92	-9.18	-1.27	-2.23	-1.98	-1.89	-2.84	-1.28	-2.84	-1.28	-2.84	-1.28	-2.84	-1.28	-2.84	-1.28	-2.84	-1.28	-2.84	-1.28
230	-2.55	-2.59	-1.97	-1.61	-3.25	-2.28	-2.55	-2.59	-1.97	-1.61	-3.25	-2.28	-2.55	-2.59	-1.97	-1.61	-3.25	-2.28	-2.55	-2.59	-1.97

C105

AIRPORT TEMP. 31.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.54
ABS. HUMIDITY 2.472

FAA PAY/COMPRESSOR - PHASE 5B + 5C T/C 1/32/73 R/D 2/3/72-3

RUN#11 RUN#18C SPEED#772

DATE: 2/25/77

RACIAL DISTANCE 152

PAGE: 2

SOURCE PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
52	-4.48	-5.77	-5.76	-5.27	-4.47	-4.58	-2.96	-1.24	-1.11	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
63	-7.55	-4.49	-6.21	-5.97	-4.28	-4.27	-2.26	-1.69	-1.13	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
82	-7.95	-6.30	-6.71	-6.17	-4.29	-3.93	-1.90	-1.28	-0.71	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
102	-7.59	-6.24	-7.66	-6.16	-4.73	-3.93	-1.78	-0.92	-0.36	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
122	-1.34	-1.37	-0.71	-4.39	-0.18	-1.35	-0.89	-2.76	-1.34	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
162	-4.48	-2.69	-4.34	-5.42	-2.76	-2.87	-1.22	-1.22	-2.73	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
202	-4.39	-1.53	-3.52	-3.53	-3.51	-2.53	-0.82	-1.96	-2.09	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
250	-4.41	-0.75	-1.56	-3.26	-3.13	-2.05	-0.72	-1.96	-2.09	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
315	-4.14	-2.35	-3.53	-3.34	-4.27	-2.14	-0.44	-1.75	-2.60	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
402	-4.88	-3.74	-3.68	-3.39	-2.99	-1.65	-0.32	-1.11	-3.12	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
502	-3.46	-4.24	-4.75	-2.81	-3.16	-1.33	-1.32	-1.53	-3.16	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
632	-3.71	-4.34	-3.52	-2.56	-3.78	-1.97	-1.10	-1.22	-3.13	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
802	-1.41	-0.87	-1.25	-4.81	-1.29	-1.49	-0.14	-1.76	-1.94	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
1002	-4.71	-3.69	-0.74	-1.18	-0.86	-0.44	-0.73	-1.76	-2.18	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
1252	-6.79	-1.34	-1.83	-2.33	-5.87	-2.84	-1.47	-1.29	-2.43	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
1600	-5.39	-3.77	-1.30	-1.36	-3.26	-2.85	1.84	-0.99	-1.33	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2002	-4.36	-2.58	-2.66	-4.83	-3.33	-1.76	1.747	-0.24	-2.04	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2502	-3.27	-1.91	-1.40	-3.49	-3.13	-2.74	1.341	-0.78	-0.88	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
3152	-1.31	-1.53	-1.83	-1.42	-2.31	-2.73	-2.71	-1.32	-2.52	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
4000	-1.74	-1.28	-0.61	-2.13	-2.35	-0.42	1.737	-2.76	-1.27	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
5002	-1.25	-1.32	-0.88	-1.64	-1.25	-1.25	4.88	-2.13	-3.13	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
6300	-0.17	-1.37	-4.84	-1.28	-2.34	-1.39	1.29	-2.87	-1.22	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
8000	-0.29	-2.39	-3.83	-3.83	-4.48	-0.32	1.987	-2.33	-1.72	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
10000	-2.54	-2.75	-2.11	-4.82	-3.98	-0.41	2.289	-1.69	-2.26	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03

C107

AMBIENT TEMP. 33.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 90 + 50 T/D 1/32/70 R/D 2/3/78-3

RUN-11 RDS-181 SPEED-7907

DATE: 2/5/77

2.1AL DISTANCE 150

PAGE: 1

STAT PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	2.2 12.2 22.2 32.2 42.2 52.2 62.2 72.2 82.2 92.2 102.2 112.2 122.2 132.2 142.2 152.2 162.2 172.2																
	STAT PRESSURE LEVELS REDUCED AT STANDARD DAY										STAT PRESSURE LEVELS REDUCED AT STANDARD DAY						
52	70.29	78.44	74.94	77.99	74.54	79.59	82.71	81.34	83.45	85.58	89.58	89.58	84.72	137.8			
63	76.81	79.74	78.55	79.27	70.54	88.81	82.41	82.27	85.24	87.26	92.61	95.37	138.0				
82	74.51	78.87	78.33	78.88	88.88	88.71	83.28	82.88	81.87	77.77	81.39	84.85	138.8				
122	78.29	79.79	77.76	76.79	81.82	81.83	84.41	86.28	87.39	89.44	92.32	95.39	139.9				
129	82.27	81.54	80.92	80.47	88.44	81.11	82.98	82.75	80.82	88.19	81.48	85.34	143.8				
161	82.27	83.19	81.71	81.64	82.56	83.57	82.78	83.75	85.79	85.99	88.73	91.27	143.8				
222	73.31	78.42	78.48	73.48	75.81	77.81	78.79	79.28	76.32	79.71	76.17	78.38	132.8				
252	78.79	79.28	79.32	76.32	79.71	76.17	82.81	82.46	82.54	78.19	88.37	82.83	132.8				
315	88.81	82.12	82.46	82.54	78.19	88.37	86.74	88.14	89.18	89.59	91.68	92.48	140.3				
422	82.79	84.29	82.37	82.95	83.19	84.85	86.72	88.14	89.18	89.59	91.68	92.48	140.3				
522	81.53	82.31	81.32	82.94	84.55	85.28	86.72	88.14	89.18	89.59	91.68	92.48	140.3				
532	82.57	86.46	82.29	82.84	82.73	83.44	83.78	84.43	87.29	88.34	87.86	89.48	138.2				
822	83.88	88.71	87.41	87.77	85.28	84.21	84.37	85.75	83.83	82.87	88.43	84.12	138.8				
1022	81.79	83.25	84.32	85.13	86.41	86.23	86.81	87.91	88.64	90.88	88.17	86.54	140.1				
1252	84.74	88.14	91.32	95.40	94.29	94.47	98.88	83.47	88.51	88.24	88.27	87.23	140.1				
1688	88.97	82.27	84.78	88.28	86.88	88.25	88.01	87.15	87.82	86.97	86.28	84.41	140.8				
2288	82.17	82.34	85.17	85.38	85.79	86.44	87.15	87.29	88.34	87.86	89.48	82.49	140.8				
2982	88.22	82.67	83.83	85.19	85.39	85.69	84.49	84.82	83.99	82.29	81.14	82.73	137.9				
3152	85.24	87.71	88.87	89.73	89.19	89.14	84.15	84.12	84.28	85.69	82.48	84.39	141.3				
4082	87.95	86.92	88.31	89.85	89.71	87.74	89.83	90.67	89.48	86.22	85.19	84.39	142.9				
5082	88.74	83.21	82.38	83.32	84.21	82.81	88.82	90.52	90.33	92.51	91.43	87.82	142.9				
6382	87.28	87.89	86.89	87.85	86.97	88.73	87.82	89.13	88.33	85.57	84.77	83.69	142.9				
8882	88.55	85.32	87.23	88.45	92.64	82.85	88.29	90.88	88.71	86.19	83.48	83.52	142.2				
12122	87.82	87.21	87.44	88.85	94.34	89.26	92.54	93.28	91.92	89.23	87.43	85.5	148.3				
MEASURED GASPL	86.74	102.4	100.3	101.9	103.3	101.9	102.6	102.8	103.4	102.5	104.1	149.7					
CALCULATED GASPL	98.33	99.83	97.87	101.3	102.9	101.3	101.9	102.1	102.3	101.3	102.7	104.7					
P.05	112.1	113.2	113.7	114.0	115.9	114.6	116.5	116.7	116.8	113.8	114.4	112.7					

AMBIENT TEMP. 33.3°
NET-BALLS TEMP. 27.40
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.422

FAA FA/COMPRESSOR - PHASE 30 & 50 T/O 1/32/72 R/C 2/3/72-3

RUN=11 HDQ=182 SPEED=8182

CAP. LI 156.8

DATE: 2/15/77

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	ANGLES FROM INLET											
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
52	-5.25	-6.10	-7.57	-6.54	-4.99	-4.94	-2.82	-1.19	-1.19	-1.242	5.243	12.19
63	-8.59	-5.67	-6.86	-6.13	-5.67	-5.39	-2.99	-1.14	-1.29	-1.555	5.211	9.971
82	-8.47	-6.71	-7.26	-6.73	-6.57	-6.87	-2.33	-1.352	-1.318	-2.185	5.813	6.221
102	-8.17	-6.67	-6.72	-6.67	-6.38	-4.64	-2.25	-1.376	-1.174	-2.984	5.808	6.886
122	-1.23	-2.32	-4.175	-4.38	-3.58	-1.424	-1.32	-1.76	-2.952	-1.32	2.382	5.339
162	-3.89	-1.981	-2.45	-3.52	-1.61	-1.596	-1.39	-1.413	-1.635	-1.828	4.567	7.14
202	-5.82	-1.73	-4.45	-3.66	-1.12	-2.12	-1.337	-1.723	-2.38	-1.347	5.422	6.230
242	-3.29	-2.38	-2.82	-2.84	-3.16	-2.98	-1.691	-1.156	-1.161	-2.371	5.276	5.999
312	-2.76	-1.25	-2.92	-2.84	-4.19	-3.81	-1.538	-1.234	-2.172	-1.882	5.578	4.879
402	-3.69	-2.38	-4.11	-3.53	-3.29	-1.63	-2.05	-1.862	-2.697	-3.129	5.121	3.998
502	-5.17	-4.42	-5.38	-4.74	-2.16	-1.41	-2.913	-1.828	-3.395	-4.125	4.539	3.223
632	-1.61	-3.71	-1.87	-2.13	-1.44	-1.737	-1.304	-1.259	-3.714	-4.371	3.688	2.385
802	-1.84	-2.92	-1.881	-2.88	-2.94	-1.51	-1.135	-1.283	-2.882	-2.714	2.714	6.283
1002	-4.14	-2.67	-3.91	-2.794	-6.004	3.893	-1.683	-1.988	-2.716	-2.955	2.145	6.344
1202	-6.35	-4.23	-1.53	-1.999	3.363	1.928	-1.692	-8.394	-6.633	-6.963	-1.837	-1.91
1402	-3.72	-3.81	-7.72	-3.481	3.849	5.119	-1.399	-1.142	-4.235	-1.228	-1.228	-1.228
1602	-2.93	-4.84	-1.22	-2.847	2.238	2.548	-1.344	-1.672	-8.492	-1.897	-2.21	-2.41
1802	-1.33	-1.12	-1.97	-3.161	2.518	2.284	-2.42	-1.534	-2.272	-1.48	-4.89	-2.17
2002	-3.894	-7.86	-9.866	-1.427	2.587	1.133	-1.488	-2.977	-1.822	-1.42	-2.43	-3.24
2202	-1.88	-8.12	-1.48	-1.33	1.378	1.712	-3.974	-1.877	-3.727	-2.11	-1.19	-2.21
2402	-4.342	-1.837	-1.53	-8.236	2.122	1.682	-1.789	-2.289	-1.482	-1.28	-2.68	-3.16
2602	-4.192	-2.38	-3.82	-3.257	2.211	-1.88	-1.684	-2.724	-1.587	-1.74	-2.63	-4.41
2802	-2.17	-2.78	-2.54	-1.14	4.349	-1.724	-2.551	-3.218	-1.915	-1.754	-2.56	-4.48

C109

AMBIENT TEMP: 33.88
WET-BULB TEMP: 27.49
BAR. PRESSURE: 28.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 50 + 50 7/C 1/32/77 R/C 2/3/77-3

RUN#11 RDB#162 SPEED#8107

RADIAL DISTANCE 150

DATE: 2/25/70

SOUND PRESS: RE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET									
	2.2	10.2	20.2	30.2	40.2	50.2	60.2	70.2	80.2	90.2
50	80.63	78.24	74.41	70.91	67.14	63.32	59.50	55.68	51.86	48.04
60	77.98	75.98	72.11	68.61	64.76	60.91	57.06	53.21	49.36	45.51
70	75.12	72.81	69.48	65.88	62.14	58.40	54.66	50.92	47.18	43.44
80	72.03	69.41	66.37	62.59	58.77	54.95	51.13	47.31	43.49	39.67
90	68.83	66.11	63.37	59.59	55.77	51.95	48.13	44.31	40.49	36.67
100	65.58	62.76	59.91	56.06	52.21	48.36	44.51	40.66	36.81	32.96
110	62.31	59.38	56.43	52.58	48.73	44.88	41.03	37.18	33.33	29.48
120	59.03	56.00	53.05	49.20	45.35	41.50	37.65	33.80	29.95	26.10
130	55.76	52.63	49.68	45.83	41.98	38.13	34.28	30.43	26.58	22.73
140	52.49	49.36	46.41	42.56	38.71	34.86	31.01	27.16	23.31	19.46
150	49.22	46.09	43.14	39.29	35.44	31.59	27.74	23.89	20.04	16.19
160	45.95	42.82	39.87	36.02	32.17	28.32	24.47	20.62	16.77	12.92
170	42.68	39.55	36.60	32.75	28.90	25.05	21.20	17.35	13.50	9.65
180	39.41	36.28	33.33	29.48	25.63	21.78	17.93	14.08	10.23	6.38
190	36.14	33.01	30.06	26.23	22.38	18.53	14.68	10.83	6.98	3.11
200	32.87	29.74	26.79	23.02	19.17	15.32	11.47	7.62	3.77	-0.16
210	29.60	26.47	23.52	19.77	15.92	12.02	8.17	4.32	0.47	-3.43
220	26.33	23.20	20.25	16.52	12.57	8.67	4.82	0.97	-1.98	-6.70
230	23.06	19.93	17.00	13.27	9.82	6.22	2.37	-1.48	-3.43	-10.00
240	19.79	16.66	13.75	10.02	6.47	2.92	-1.03	-2.97	-4.92	-13.29
250	16.52	13.39	10.50	6.77	3.07	3.47	-1.58	-3.52	-5.47	-16.58
260	13.25	10.12	7.25	3.12	3.62	4.02	-2.13	-4.07	-6.02	-19.87
270	10.00	6.87	3.90	3.17	3.77	4.57	-2.68	-4.62	-6.57	-23.16
280	6.73	3.60	0.65	3.22	3.92	5.12	-3.23	-5.17	-7.12	-26.45
290	3.46	0.33	-2.62	3.27	4.07	5.67	-3.78	-5.72	-7.67	-29.74
300	0.20	-0.94	-3.87	3.32	4.22	6.22	-4.33	-6.27	-8.22	-33.03
310	-3.07	-1.21	-5.02	3.37	4.37	6.77	-4.88	-6.82	-8.77	-36.32
320	-6.34	-1.98	-6.17	3.42	4.52	7.32	-5.43	-7.37	-9.32	-39.61
330	-9.61	-2.75	-7.32	3.47	4.67	7.87	-5.98	-7.92	-9.87	-42.90
340	-12.88	-3.52	-8.47	3.52	4.82	8.42	-6.53	-8.47	-10.42	-46.19
350	-16.15	-4.29	-9.62	3.57	4.97	8.97	-7.08	-9.02	-10.97	-49.48
360	-19.42	-5.06	-10.77	3.62	5.12	9.52	-7.63	-9.57	-11.52	-52.77
370	-22.69	-5.83	-11.92	3.67	5.27	10.07	-8.18	-10.12	-12.07	-56.06
380	-25.96	-6.60	-13.07	3.72	5.42	10.62	-8.73	-10.67	-12.62	-59.35
390	-29.23	-7.37	-14.22	3.77	5.57	11.17	-9.28	-11.22	-13.17	-62.64
400	-32.50	-8.14	-15.37	3.82	5.72	11.72	-9.83	-11.77	-13.72	-65.93
410	-35.77	-8.91	-16.52	3.87	5.87	12.27	-10.38	-12.32	-14.27	-69.22
420	-39.04	-9.68	-17.67	3.92	6.02	12.82	-10.93	-12.87	-14.82	-72.51
430	-42.31	-10.45	-18.82	3.97	6.17	13.37	-11.48	-13.42	-15.37	-75.80
440	-45.58	-11.22	-19.97	4.02	6.32	13.92	-12.03	-13.97	-15.92	-79.09
450	-48.85	-11.99	-21.12	4.07	6.47	14.47	-12.58	-14.52	-16.47	-82.38
460	-52.12	-12.76	-22.27	4.12	6.62	15.02	-13.13	-15.07	-17.02	-85.67
470	-55.39	-13.53	-23.42	4.17	6.77	15.57	-13.68	-15.62	-17.57	-88.96
480	-58.66	-14.30	-24.57	4.22	6.92	16.12	-14.23	-16.17	-18.12	-92.25
490	-61.93	-15.07	-25.72	4.27	7.07	16.67	-14.78	-16.72	-18.67	-95.54
500	-65.20	-15.84	-26.87	4.32	7.22	17.22	-15.33	-17.27	-19.22	-98.83
510	-68.47	-16.61	-28.02	4.37	7.37	17.77	-15.88	-17.82	-19.77	-102.12
520	-71.74	-17.38	-29.17	4.42	7.52	18.32	-16.43	-18.37	-20.32	-105.41
530	-75.01	-18.15	-30.32	4.47	7.67	18.87	-16.98	-18.92	-20.87	-108.70
540	-78.28	-18.92	-31.47	4.52	7.82	19.42	-17.53	-19.47	-21.42	-111.99
550	-81.55	-19.69	-32.62	4.57	7.97	19.97	-18.08	-20.02	-21.97	-115.28
560	-84.82	-20.46	-33.77	4.62	8.12	20.52	-18.63	-20.57	-22.52	-118.57
570	-88.09	-21.23	-34.92	4.67	8.27	21.07	-19.18	-21.12	-23.07	-121.86
580	-91.36	-22.00	-36.07	4.72	8.42	21.62	-19.73	-21.67	-23.62	-125.15
590	-94.63	-22.77	-37.22	4.77	8.57	22.17	-20.28	-22.22	-24.17	-128.44
600	-97.90	-23.54	-38.37	4.82	8.72	22.72	-20.83	-22.77	-24.72	-131.73
610	-101.17	-24.31	-39.52	4.87	8.87	23.27	-21.38	-23.32	-25.27	-135.02
620	-104.44	-25.08	-40.67	4.92	9.02	23.82	-21.93	-23.87	-25.82	-138.31
630	-107.71	-25.85	-41.82	4.97	9.17	24.37	-22.48	-24.42	-26.37	-141.60
640	-110.98	-26.62	-42.97	5.02	9.32	24.92	-23.03	-24.97	-26.92	-144.89
650	-114.25	-27.39	-44.12	5.07	9.47	25.47	-23.58	-25.52	-27.47	-148.18
660	-117.52	-28.16	-45.27	5.12	9.62	26.02	-24.13	-26.07	-28.02	-151.47
670	-120.79	-28.93	-46.42	5.17	9.77	26.57	-24.68	-26.62	-28.57	-154.76
680	-124.06	-29.70	-47.57	5.22	9.92	27.12	-25.23	-27.17	-29.12	-158.05
690	-127.33	-30.47	-48.72	5.27	10.07	27.67	-25.78	-27.72	-29.67	-161.34
700	-130.60	-31.24	-49.87	5.32	10.22	28.22	-26.33	-28.27	-30.22	-164.63
710	-133.87	-32.01	-51.02	5.37	10.37	28.77	-26.88	-28.82	-30.77	-167.92
720	-137.14	-32.78	-52.17	5.42	10.52	29.32	-27.43	-29.37	-31.32	-171.21
730	-140.41	-33.55	-53.32	5.47	10.67	29.87	-27.98	-29.92	-31.87	-174.50
740	-143.68	-34.32	-54.47	5.52	10.82	30.42	-28.53	-30.47	-32.42	-177.79
750	-146.95	-35.09	-55.62	5.57	10.97	30.97	-29.08	-31.02	-32.97	-181.08
760	-150.22	-35.86	-56.77	5.62	11.12	31.52	-29.63	-31.57	-33.52	-184.37
770	-153.49	-36.63	-57.92	5.67	11.27	32.07	-30.18	-32.12	-34.07	-187.66
780	-156.76	-37.40	-59.07	5.72	11.42	32.62	-30.73	-32.67	-34.62	-190.95
790	-160.03	-38.17	-60.22	5.77	11.57	33.17	-31.28	-33.22	-35.17	-194.24
800	-163.30	-38.94	-61.37	5.82	11.72	33.72	-31.83	-33.77	-35.72	-197.53
810	-166.57	-39.71	-62.52	5.87	11.87	34.27	-32.38	-34.32	-36.27	-200.82
820	-169.84	-40.48	-63.67	5.92	12.02	34.82	-32.93	-34.87	-36.82	-204.11
830	-173.11	-41.25	-64.82	5.97	12.17	35.37	-33.48	-35.42	-37.37	-207.40
840	-176.38	-42.02	-65.97	6.02	12.32	35.92	-34.03	-35.97	-37.92	-210.69
850	-179.65	-42.79	-67.12	6.07	12.47	36.47	-34.58	-36.52	-38.47	-213.98
860	-182.92	-43.56	-68.27	6.12	12.62	37.02	-35.13	-37.07	-39.02	-217.27
870	-186.19	-44.33	-69.42	6.17	12.77	37.57	-35.68	-37.62	-39.57	-220.56
880	-189.46	-45.10	-70.57	6.22	12.92	38.12	-36.23	-38.17	-40.12	-223.85
890	-192.73	-45.87	-71.72	6.27	13.07	38.67	-36.78	-38.72	-40.67	-227.14
900	-196.00	-46.64	-72.87	6.32	13.22	39.22	-37.33	-39.27	-41.22	-230.43
910	-199.27	-47.41	-74.02	6.37	13.37	39.77	-37.88	-39.82	-41.77	-233.72
920	-202.54	-48.18	-75.17	6.42	13.52	40.32	-38.43	-40.37	-42.32	-237.01
930	-205.81	-48.95	-76.32	6.47	13.67	40.87	-38.98	-40.92	-42.87	-240.30
940	-209.08	-49.72	-77.47	6.52	13.82	41.42	-39.53	-41.47	-43.42	-243.59
950	-212.35	-50.49	-78.62	6.57	13.97	41.97	-40.08	-42.02	-43.97	-246.88
960	-215.62	-51.26	-79.77	6.62	14.12	42.52	-40.63	-42.57	-44.52	-250.17
970	-218.89	-52.03	-80.92	6.67	14.27	43.07	-41.18	-43.12	-45.07	-253.46
980	-222.16	-52.80	-82.07	6.72	14.42	43.62	-41.73	-43.67	-45.62	-256.75
990	-225.43	-53.57	-83.22	6.77	14.57	44.17	-42.28	-44.22	-46.17	-260.04
1000	-228.70	-54.34	-84.37	6.82	14.72	44.72	-42.83	-44.77	-46.72	-263.33

MEASURED CASPL
CALCULATED CASPL
PDB

CAPAL: 150.3

AMBIENT TEMP: 33.02
METEOROLOGICAL: 27.49
BAR. PRESSURE: 28.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/72 R/C 2/3/70-3

RUN#11 RQ#0103 SPEED#0362

DATE: 2/25/77

RADIAL DISTANCE 152

PAGE: 2

SCUD PRESSURE LEVELS DIRECTIVITY INDEP

FRQ	ANGLES FROM INLET									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
22	-5.63	-7.42	-7.14	-6.74	-5.52	-5.34	-3.37	-1.45	-1.59	-1.59
63	-8.75	-6.82	-7.12	-6.77	-6.76	-5.97	-3.28	-1.56	-1.27	-1.37
92	-8.37	-7.67	-7.63	-6.86	-6.71	-5.88	-2.32	-1.88	-2.82	-2.22
122	-8.48	-7.27	-6.95	-6.73	-5.61	-4.69	-2.56	-1.99	-5.25	-2.77
152	-1.92	-4.25	-2.95	-4.27	-2.27	-1.35	-1.17	-2.37	-1.36	-1.59
182	-2.23	-7.15	-2.98	-7.49	-2.27	-1.35	-0.377	-5.35	-2.29	-1.67
212	-4.51	-1.72	-6.24	-4.86	-3.28	-1.77	-0.615	-2.71	-2.22	-1.31
242	-2.96	-3.82	-1.67	-2.84	-3.86	-3.63	-1.19	-5.88	-1.712	-3.58
272	-2.77	-2.35	-2.83	-3.83	-4.42	-3.32	-0.87	-1.78	-2.24	-3.52
302	-4.97	-2.89	-2.93	-4.18	-4.28	-3.26	-1.029	-2.759	-2.533	-3.265
332	-5.14	-4.25	-3.12	-3.28	-2.17	-1.31	-2.853	-1.295	-3.455	-4.22
362	-4.72	-2.47	-1.19	-2.15	-1.36	-0.932	-1.976	-1.941	-2.341	-3.58
392	-3.17	-0.328	-2.74	-4.22	-2.339	-1.89	-0.781	-1.988	-1.38	-1.45
422	-2.69	-3.27	-2.21	-2.11	-1.65	-1.08	-0.572	-1.988	-2.56	-2.714
452	-4.68	-1.68	-1.91	-2.32	-4.032	-2.345	-1.692	-1.73	-4.87	-2.22
482	-4.44	-4.81	-3.88	-2.19	-4.165	-1.599	-1.246	-1.13	-0.553	-0.29
512	-2.56	-2.39	-2.23	-2.23	-2.331	-2.664	-2.214	-1.445	-2.73	-3.37
542	-3.34	-7.86	-1.45	-1.89	-2.983	-3.344	-1.398	-1.594	-0.478	-0.73
572	-3.59	-8.79	-1.47	-2.332	-1.742	-2.396	-1.84	-1.594	-7.572	-4.82
602	-3.58	-1.43	-1.23	-1.398	-2.883	-1.97	-1.629	-2.836	-1.582	-1.39
632	-2.84	-2.12	-2.24	-2.38	-1.583	-3.489	-1.289	-2.52	-3.511	-2.32
662	-3.14	-0.886	-3.39	-6.31	-1.939	-3.722	-1.682	-2.72	-2.209	-1.11
692	-2.39	-3.73	-2.72	-4.32	-4.312	-5.839	-1.583	-3.197	-1.806	-1.07
722	-2.95	-4.13	-2.68	-1.88	-4.519	-7.84	-2.239	-3.436	-3.629	-0.57

AMBIENT TEMP. 33.26
WET-BULB TEMP. 27.49
BAR. PRESSURE 24.94
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B - 5C 7/2 1/2/77 R/C 2/3/72-3

RUN#11 RDG#123 SPEED#6307

DATE: 2/25/72

RAJAL DISTANCE 150

PAGE: 1

SCALD PRESSURE LEVELS REDUCED AT STATION 240

FREQ	2.2	12.2	22.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
32	82.33	78.87	76.42	79.21	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38
63	78.23	82.27	79.48	82.12	82.33	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66	81.66
102	78.24	79.51	79.16	88.81	88.82	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95	81.95
125	79.19	82.11	78.54	82.59	81.61	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67	82.67
162	82.28	81.33	82.41	79.44	82.54	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77	83.77
202	77.55	82.49	81.79	79.49	79.19	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27	84.27
322	75.19	75.78	75.52	74.86	75.84	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58	77.58
422	75.78	78.86	78.94	77.84	78.67	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64	78.64
522	82.52	81.99	82.63	81.91	81.62	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11	82.11
622	82.57	81.36	84.94	84.32	85.29	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17	86.17
722	82.93	81.32	83.27	83.82	87.37	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33	88.33
822	84.19	87.47	83.39	88.36	88.27	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83	85.83
922	84.88	89.84	92.15	88.94	94.23	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79	93.79
1022	83.15	85.32	86.41	87.65	98.59	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58	89.58
1122	85.49	87.42	92.38	91.19	91.37	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46	92.46
1222	86.49	88.83	90.86	90.85	93.43	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14
1322	84.44	84.96	84.94	84.44	87.85	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84
1422	82.94	84.76	84.85	85.59	96.29	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99	85.99
1522	87.37	87.89	87.22	88.87	87.97	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79	88.79
1622	89.09	86.88	86.19	86.31	89.77	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27	88.27
1722	89.13	89.77	88.77	89.64	94.21	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87	94.87
1822	89.22	88.91	87.15	88.56	98.55	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33	91.33
1922	88.54	84.42	85.94	87.85	81.41	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56	87.56
2022	87.41	85.51	86.88	86.67	94.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99	89.99
MEASURED OASPL	99.52	100.11	100.6	103.7	103.6	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
CALCULATED OASPL	98.94	99.31	99.64	102.9	103.3	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9
PDS	112.0	112.7	112.6	113.7	116.3	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6

OAP-LI 156.9

AMBIENT TEMP. 33.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 26.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 59 + 30 T/D 1/32/79. R/D 2/3/79-3

RUN#11 RD20104 SPEED=6327

DATE: 2/3/72

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2
52	-5.66	-7.12	-7.42	-7.42	-6.78	-5.82	-5.82	-3.81	-1.79	-1.29	-1.02	-1.02
63	-6.09	-6.66	-7.45	-6.91	-6.56	-6.27	-6.27	-2.69	-1.32	-0.24	1.83	5.41
82	-8.78	-7.23	-6.72	-6.72	-6.72	-6.12	-6.12	-2.23	-1.25	4.78	2.43	5.98
122	-7.87	-7.15	-8.72	-6.67	-5.45	-4.99	-4.99	-2.23	-1.25	4.78	2.43	5.98
162	-6.69	-5.43	-6.35	-6.93	-5.54	-2.99	-2.99	-1.28	-0.32	1.42	2.54	4.71
202	-5.94	-3.22	-3.7	-5.09	-6.37	-1.42	-1.42	1.128	2.732	2.508	1.237	4.155
242	-4.82	-4.28	-5.11	-4.97	-4.15	-2.26	-2.26	-0.91	0.412	1.893	2.773	4.963
282	-3.82	-3.69	-3.84	-2.98	-2.98	-2.88	-2.88	-0.773	2.278	2.308	3.499	5.461
322	-3.14	-2.68	-2.25	-2.74	-3.25	-2.54	-2.54	-0.445	1.240	2.469	3.192	5.227
362	-3.42	-3.63	-3.65	-3.67	-3.72	-1.82	-1.82	0.222	2.417	2.615	2.939	4.696
402	-3.62	-3.26	-2.51	-2.73	-2.22	-2.25	-2.25	0.434	1.382	2.923	4.452	6.228
442	-3.92	-3.48	-2.72	-2.82	-2.89	-3.86	-3.86	2.743	0.229	1.642	4.487	2.371
482	-4.39	-2.21	-1.839	-1.693	-1.643	-2.519	-2.519	0.659	2.361	1.331	3.29	5.68
522	-5.23	-3.88	-1.97	-1.734	-2.223	-1.103	-1.103	0.907	2.325	1.809	2.819	1.642
562	-3.12	-1.15	-1.429	-2.521	-2.942	-1.849	-1.849	-1.13	4.324	3.647	2.422	3.828
602	-2.83	-1.32	-1.136	-1.821	-4.299	-2.23	-2.23	2.423	1.561	5.23	-1.66	-3.14
642	-1.12	-1.82	-3.88	-3.87	-2.222	-7.29	-7.29	2.238	1.289	1.724	2.744	4.442
682	-1.32	-1.49	-3.88	-1.328	-2.731	-1.729	-1.729	1.289	1.832	1.183	-0.76	-1.61
722	-1.191	-1.239	-3.92	-2.217	-1.322	-2.143	-2.143	-1.23	2.143	1.704	-5.13	-3.16
762	-1.373	-1.51	-1.129	-1.993	-1.453	-7.47	-7.47	2.623	3.365	1.522	-1.42	-2.23
802	-1.32	-1.45	-4.44	-3.39	-9.821	-8.49	-8.49	5.332	3.376	2.578	-3.41	-2.16
842	-1.32	-1.38	-2.39	-3.984	-1.803	-1.779	-1.779	3.159	3.683	1.944	-1.82	-1.71
882	-3.39	-3.22	-1.75	-1.454	-3.982	-1.147	-1.147	2.199	3.238	1.627	-1.47	-1.88
922	-2.82	-4.72	-4.15	-1.96	-4.752	-2.39	-2.39	2.338	3.626	1.688	-1.5	-2.87

1113

AMBIENT TEMP: 31.22
WET-BULB TEMP: 27.49
BAR. PRESS. SE: 28.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 90 ° °C - /C 1/30/72 R/C 2/3/72-3

RUN#11 R-3-104 SPEED#520

PAGE: 1

SS) (PRESIDENT LEVINE'S
AFTER THE STAFF OF THE

AG-ES 22-1157

Wavelength (Å)	Intensity (a.u.)	Wavelength (Å)	Intensity (a.u.)	Wavelength (Å)	Intensity (a.u.)	Wavelength (Å)	Intensity (a.u.)	Wavelength (Å)	Intensity (a.u.)
25.72	73.83	73.33	74.47	75.17	74.34	77.55	79.62	79.33	81.49
26.11	79.11	74.33	75.63	76.16	76.26	78.62	79.99	80.37	83.94
71.35	73.26	73.10	74.15	75.10	76.33	78.22	79.65	82.57	83.94
73.22	74.35	72.64	75.35	76.34	77.65	78.96	82.32	81.52	82.55
74.65	75.33	73.25	72.52	78.73	82.51	79.17	75.65	83.54	82.55
76.74	71.61	71.62	71.39	72.63	74.59	76.27	77.63	78.34	79.87
68.23	69.74	69.34	68.23	69.60	71.76	73.82	74.39	75.34	75.72
73.78	73.14	72.48	71.68	71.22	72.62	72.36	74.92	75.17	76.45
76.52	78.25	76.36	75.98	78.45	75.93	77.59	79.48	82.74	82.94
78.17	79.57	79.48	77.99	78.41	79.43	81.97	82.82	84.28	84.22
78.49	78.58	77.58	78.14	79.74	82.48	81.44	82.75	84.32	84.74
75.63	76.63	75.65	76.85	78.28	78.63	78.33	82.72	82.62	83.21
79.23	81.23	81.71	79.31	78.88	78.63	79.84	81.55	81.58	81.55
82.16	81.79	81.69	80.78	82.96	81.86	82.47	83.77	84.35	84.55
82.34	83.43	82.82	81.96	84.43	82.31	82.75	84.84	84.31	84.32
82.49	82.81	82.52	82.57	84.14	82.83	85.35	86.89	87.66	85.92
81.78	81.38	81.19	81.65	82.93	84.52	84.81	85.28	85.37	83.92
82.89	83.49	82.31	82.11	82.88	83.68	83.12	85.18	84.44	83.29
85.95	87.22	85.63	86.71	86.35	86.99	85.57	89.99	88.15	82.52
89.25	86.09	92.82	94.51	95.14	92.94	94.13	94.97	92.71	89.44
90.67	88.38	91.87	98.29	98.92	95.84	97.19	96.51	94.77	91.15
86.39	87.12	86.52	87.31	88.35	88.29	88.35	98.56	88.98	85.54
87.42	84.95	86.23	86.95	91.52	87.11	88.79	89.52	90.82	86.82
87.76	87.48	87.23	88.58	93.72	87.11	89.94	89.52	90.82	88.77

MEASURED CASPL
CALCULATED CASPL

ANGLEY TEMP.	33.32
WETBULB TEMP.	27.42
BAR. PRESSURE	28.95
ABS. HUMIDITY	24.73

2025/03/22 14:32:32

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03:25:00

CAPITAL:

1955, 2

C114

DATE: 2/29/77

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET											
	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2
50	-3.14	-5.11	-5.63	-6.47	-2.56	-2.59	-1.34	.604	.304	1.512	4.506	8.643
63	-3.49	-5.42	-5.23	-3.93	-3.37	-3.27	-.926	.372	.0359	1.551	4.411	8.435
82	-2.48	-5.77	-8.84	-4.89	-3.82	-2.78	-.826	.844	1.532	2.188	4.937	8.282
102	-6.37	-5.34	-7.25	-4.34	-3.25	-2.74	-.735	.6316	1.026	2.804	4.633	7.505
125	-1.82	-5.19	-7.21	-1.99	-1.73	2.23	-.133	.642	2.938	2.247	3.285	4.342
162	-5.25	-4.43	-5.13	-4.04	-3.23	-1.44	.2359	1.091	2.112	2.834	4.695	6.159
202	-3.46	-2.55	-1.15	-3.44	-2.99	-.938	.1321	1.399	2.844	3.432	4.338	4.788
258	-2.72	-.353	-1.09	-1.81	-2.49	-2.82	-.113	1.526	1.675	2.998	4.733	4.899
315	-1.83	-2.84	-1.37	-2.35	-3.48	-2.32	-.745	1.114	2.432	2.658	4.934	4.885
402	-2.95	-1.57	-1.06	-3.15	-2.74	-1.72	-.225	1.057	2.931	3.294	4.421	3.934
502	-2.56	-2.46	-3.47	-2.91	-1.31	-.522	.3899	1.091	3.266	3.282	3.817	2.884
632	-3.38	-2.28	-3.24	-2.36	-2.53	-.627	-.598	1.817	3.727	4.425	2.721	1.585
802	-2.92	-1.88	-2.33	-.512	-2.39	-.988	-.282	1.628	1.978	2.231	1.848	1.628
1022	-2.804	-1.64	-1.85	-1.18	-.366	-.159	.5142	1.811	2.389	2.599	1.568	1.3425
1252	-2.237	-.889	-2.245	-.376	2.482	2.252	.1818	1.844	1.739	1.788	1.825	2.614
1602	-1.83	-.719	-1.22	-.957	.631	-.596	1.022	2.907	3.533	2.231	1.797	-1.75
2002	-.943	-.841	-.952	-.494	.2863	-.182	2.489	2.934	3.529	1.274	1.37	-2.62
2502	-.118	1.382	1.971	.9211	1.068	.9575	.9896	3.207	2.326	1.183	-3.79	-3.11
3152	.8222	1.134	-.114	.7883	.4822	.848	-.443	4.233	2.224	.6136	-2.43	-2.99
4002	-2.95	-4.91	-.799	2.712	3.336	.7342	2.332	3.171	.9133	-2.36	-4.18	-8.84
5002	-4.03	-6.34	-.854	3.224	4.282	1.116	2.460	1.791	.8528	-3.57	-4.13	-8.81
6322	-.436	.2891	-.813	.4711	1.915	1.419	1.217	3.729	2.145	-1.29	-3.77	-4.39
8002	-.931	-2.28	-1.28	-.583	3.933	-.339	1.282	2.783	2.992	-.729	-3.29	-4.59
10002	-1.18	-1.38	-1.63	-.277	4.097	1.536	1.288	.6975	2.262	-.198	-1.76	-4.94

C115

AMBIENT TEMP. 13.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 29.94
HRS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5R + 5C T/D 1/33/77 R/D 2/3/77-3

RUN#11 RDS#185 SPEED#7120

DATE: 2/16/71

RADIAL DISTANCE 192

PAGE: 1

ST. PRESSURE LEVELS RECORDED AT ST. AND RAY

7.7 6.7 9.7 11.7 12.7 13.7 14.7 15.7 16.7 17.7 (PH)

FREQ	7.7	6.7	9.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7
50	75.17	74.51	74.73	74.68	75.70	75.96	79.17	81.22	84.35	88.66
63	75.03	74.41	74.22	74.09	75.19	75.49	78.63	80.49	83.52	88.51
82	74.84	74.31	74.27	74.47	75.95	76.64	79.11	82.06	85.16	89.51
122	74.62	74.74	73.54	75.35	76.42	77.61	79.73	83.38	87.13	91.47
125	76.11	76.17	77.27	76.32	74.49	79.27	81.25	83.32	86.27	90.84
142	71.48	72.35	72.41	72.24	73.19	74.63	76.55	78.43	80.28	82.14
162	69.32	70.23	70.65	69.96	69.97	71.98	73.35	75.22	76.2	77.74
252	72.11	74.54	73.12	72.03	72.09	71.72	73.66	75.19	76.51	78.32
315	76.92	78.25	76.92	76.81	75.47	76.21	79.14	82.19	85.97	89.94
482	78.44	80.62	78.51	78.47	79.71	80.24	81.74	84.13	86.54	89.75
582	78.46	79.17	78.74	79.17	80.66	82.48	83.49	85.53	87.44	89.97
632	76.44	77.23	77.89	77.82	79.21	79.14	82.24	83.78	84.59	86.32
822	82.38	81.94	82.19	81.22	81.88	81.66	83.42	84.82	86.18	87.35
1222	82.33	82.12	82.24	81.14	82.89	82.62	84.11	85.59	86.82	88.13
1252	82.15	83.77	84.69	84.15	86.86	85.19	87.17	88.63	89.87	91.23
1422	82.91	82.22	81.22	81.84	83.25	82.94	85.24	86.62	87.85	89.17
2022	81.18	82.32	82.24	82.14	82.34	83.24	84.82	86.13	87.27	88.42
2522	85.86	86.32	85.72	86.45	86.61	88.19	89.07	89.24	90.21	91.17
3152	88.44	86.53	89.83	82.44	92.44	89.75	91.14	92.22	91.41	92.41
4022	93.24	92.45	96.48	96.99	99.74	99.39	98.56	96.39	95.19	92.34
5222	87.04	88.52	87.72	87.99	88.49	88.79	88.42	89.38	88.99	88.54
6322	87.58	84.63	86.56	86.63	92.99	86.84	88.73	89.59	89.52	89.71
8222	88.12	88.57	89.59	89.89	91.32	91.52	92.24	92.77	92.67	92.35
10222	98.12	97.86	102.11	102.31	102.6	99.88	122.1	121.6	121.2	122.2
MEASURED GASPL	97.92	97.71	99.74	102.1	102.6	99.79	121.7	121.4	120.9	99.12
CALCULATED GASPL	112.6	112.3	114.6	115.1	117.4	114.5	116.7	116.1	115.9	113.1

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PAGE: 1

AMBIENT TEMP: 34.4
WET-BULB TEMP: 27.49
BAR. PRESSURE: 28.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - 0-15F 3P - 5C 70 1/32/72 R/D 2/3/76-3

RUN:11 RCO:126 SPEED:7337

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	APRIL - TEMP.	JULY - TEMP.
BAD. PRESSURE	33.27	28.96
AIR - WINDY	27.49	24.72

FAA FAX/COMPRESSOR - P-15E 5A & 5C 7/2 1/30/72 3/2 2/5/72-3

8114091
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SPRERO-7920

DATE: 2/6/72

RADIAL DISTANCE 152

PAGE: 1

SEAL PRESSURE LEVELS REDUCED AT ST. LAKE DAY

		INCHES FROM INLET									
		10"	20"	30"	40"	50"	60"	70"	80"	90"	100"
FEET											
52		79.15	76.89	76.51	76.41	77.94	78.48	79.84	81.97	81.22	83.29
53		79.18	76.82	76.44	76.34	77.87	78.41	79.77	81.90	81.15	83.22
54		79.21	76.85	76.47	76.37	77.90	78.44	79.80	81.93	81.18	83.25
55		79.24	76.88	76.50	76.40	77.93	78.47	79.83	81.96	81.21	83.28
56		79.27	76.91	76.53	76.43	77.96	78.50	79.86	81.99	81.24	83.31
57		79.30	76.94	76.56	76.46	77.99	78.53	79.89	82.02	81.27	83.34
58		79.33	76.97	76.59	76.49	78.02	78.56	79.92	82.05	81.30	83.37
59		79.36	77.00	76.62	76.52	78.05	78.59	79.95	82.08	81.33	83.40
60		79.39	77.03	76.65	76.55	78.08	78.62	79.98	82.11	81.36	83.43
61		79.42	77.06	76.68	76.58	78.11	78.65	80.01	82.14	81.39	83.46
62		79.45	77.09	76.71	76.61	78.14	78.68	80.04	82.17	81.42	83.49
63		79.48	77.12	76.74	76.64	78.17	78.71	80.07	82.20	81.45	83.52
64		79.51	77.15	76.77	76.67	78.20	78.74	80.10	82.23	81.48	83.55
65		79.54	77.18	76.80	76.70	78.23	78.77	80.13	82.26	81.51	83.58
66		79.57	77.21	76.83	76.73	78.26	78.80	80.16	82.29	81.54	83.61
67		79.60	77.24	76.86	76.76	78.29	78.83	80.19	82.32	81.57	83.64
68		79.63	77.27	76.89	76.79	78.32	78.86	80.22	82.35	81.60	83.67
69		79.66	77.30	76.92	76.82	78.35	78.89	80.25	82.38	81.63	83.70
70		79.69	77.33	76.95	76.85	78.38	78.92	80.28	82.41	81.66	83.73
71		79.72	77.36	76.98	76.88	78.41	78.95	80.31	82.44	81.69	83.76
72		79.75	77.39	77.01	76.91	78.44	78.98	80.34	82.47	81.72	83.79
73		79.78	77.42	77.04	76.94	78.47	79.01	80.37	82.50	81.75	83.82
74		79.81	77.45	77.07	76.97	78.50	79.04	80.40	82.53	81.78	83.85
75		79.84	77.48	77.10	77.00	78.53	79.07	80.43	82.56	81.81	83.88
76		79.87	77.51	77.13	77.03	78.56	79.10	80.46	82.59	81.84	83.91
77		79.90	77.54	77.16	77.06	78.59	79.13	80.49	82.62	81.87	83.94
78		79.93	77.57	77.19	77.09	78.62	79.16	80.52	82.65	81.90	83.97
79		79.96	77.60	77.22	77.12	78.65	79.19	80.55	82.68	81.93	84.00
80		79.99	77.63	77.25	77.15	78.68	79.22	80.58	82.71	81.96	84.03
81		80.02	77.66	77.28	77.18	78.71	79.25	80.61	82.74	81.99	84.06
82		80.05	77.69	77.31	77.21	78.74	79.28	80.64	82.77	82.02	84.09
83		80.08	77.72	77.34	77.24	78.77	79.31	80.67	82.80	82.05	84.12
84		80.11	77.75	77.37	77.27	78.80	79.34	80.70	82.83	82.08	84.15
85		80.14	77.78	77.40	77.30	78.83	79.37	80.73	82.86	82.11	84.18
86		80.17	77.81	77.43	77.33	78.86	79.40	80.76	82.89	82.14	84.21
87		80.20	77.84	77.46	77.36	78.89	79.43	80.79	82.92	82.17	84.24
88		80.23	77.87	77.49	77.39	78.92	79.46	80.82	82.95	82.20	84.27
89		80.26	77.90	77.52	77.42	78.95	79.49	80.85	82.98	82.23	84.30
90		80.29	77.93	77.55	77.45	78.98	79.52	80.88	83.01	82.26	84.33
91		80.32	77.96	77.58	77.48	79.01	79.55	80.91	83.04	82.29	84.36
92		80.35	77.99	77.61	77.51	79.04	79.58	80.94	83.07	82.32	84.39
93		80.38	78.02	77.64	77.54	79.07	79.61	80.97	83.10	82.35	84.42
94		80.41	78.05	77.67	77.57	79.10	79.64	81.00	83.13	82.38	84.45
95		80.44	78.08	77.70	77.60	79.13	79.67	81.03	83.16	82.41	84.48
96		80.47	78.11	77.73	77.63	79.16	79.70	81.06	83.19	82.44	84.51
97		80.50	78.14	77.76	77.66	79.19	79.73	81.09	83.22	82.47	84.54
98		80.53	78.17	77.79	77.69	79.22	79.76	81.12	83.25	82.50	84.57
99		80.56	78.20	77.82	77.72	79.25	79.79	81.15	83.28	82.53	84.60
100		80.59	78.23	77.85	77.75	79.28	79.82	81.18	83.31	82.56	84.63

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C118

MEASURED CASPL	102.5	121.2	131.9	122.6	131.2	122.3
CALCULATE CASPL	102.1	120.7	131.2	99.8	99.82	102.5
PALE	117.1	115.3	115.9	113.9	113.3	112.1

OAP-L1 155.5

AMBIENT TEMP 33.22
WET-BULB TEMP 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 50 ° 90 7/D 1/30/77 R/D 2/3/77-3

WUN=11 RDO=127 SPEED=7502

DATE: 2/14/72

RADIAL DISTANCE 152

PAGE 2

SOLAR PRESS. & LEVELS DIRECTIVITY INDEX

FREQ.	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	-2.43	-4.09	-5.67	-7.17	-8.64	-10.07	-11.45	-12.78	-14.06	-15.29	-16.47	-17.60	-18.68	-19.71	-20.69	-21.62	-22.50	-23.33	-24.11	-24.84	-25.52	-26.15	-26.73	-27.26	-27.74	-28.17	-28.55	-28.88	-29.16	-29.39	-29.57	-29.70	-29.78	-29.81	-29.79	-29.72	-29.60	-29.38	-29.06	-28.64	-28.12	-27.50	-26.78	-25.96	-25.04	-24.02	-22.90	-21.68	-20.36	-18.94	-17.42	-15.80	-14.08	-12.26	-10.34	-8.32	-6.20	-3.98	-1.66	0.86	3.38	5.80	8.12	10.34	12.46	14.48	16.40	18.22	19.94	21.56	23.08	24.50	25.82	27.04	28.16	29.18	30.10	30.92	31.64	32.26	32.78	33.20	33.52	33.74	33.86	33.88	33.80	33.62	33.34	32.96	32.48	31.90	31.22	30.44	29.56	28.58	27.50	26.32	25.04	23.66	22.18	20.60	18.92	17.14	15.26	13.28	11.20	9.02	6.74	4.36	1.88	-0.70	-3.22	-5.74	-8.26	-10.78	-13.30	-15.82	-18.34	-20.86	-23.38	-25.90	-28.42	-30.94	-33.46	-35.98	-38.50	-41.02	-43.54	-46.06	-48.58	-51.10	-53.62	-56.14	-58.66	-61.18	-63.70	-66.22	-68.74	-71.26	-73.78	-76.30	-78.82	-81.34	-83.86	-86.38	-88.90	-91.42	-93.94	-96.46	-98.98	-101.50	-104.02	-106.54	-109.06	-111.58	-114.10	-116.62	-119.14	-121.66	-124.18	-126.70	-129.22	-131.74	-134.26	-136.78	-139.30	-141.82	-144.34	-146.86	-149.38	-151.90	-154.42	-156.94	-159.46	-161.98	-164.50	-167.02	-169.54	-172.06	-174.58	-177.10	-179.62	-182.14	-184.66	-187.18	-189.70	-192.22	-194.74	-197.26	-199.78	-202.30	-204.82	-207.34	-209.86	-212.38	-214.90	-217.42	-219.94	-222.46	-224.98	-227.50	-230.02	-232.54	-235.06	-237.58	-240.10	-242.62	-245.14	-247.66	-250.18	-252.70	-255.22	-257.74	-260.26	-262.78	-265.30	-267.82	-270.34	-272.86	-275.38	-277.90	-280.42	-282.94	-285.46	-287.98	-290.50	-293.02	-295.54	-298.06	-300.58	-303.10	-305.62	-308.14	-310.66	-313.18	-315.70	-318.22	-320.74	-323.26	-325.78	-328.30	-330.82	-333.34	-335.86	-338.38	-340.90	-343.42	-345.94	-348.46	-350.98	-353.50	-356.02	-358.54	-361.06	-363.58	-366.10	-368.62	-371.14	-373.66	-376.18	-378.70	-381.22	-383.74	-386.26	-388.78	-391.30	-393.82	-396.34	-398.86	-401.38	-403.90	-406.42	-408.94	-411.46	-413.98	-416.50	-419.02	-421.54	-424.06	-426.58	-429.10	-431.62	-434.14	-436.66	-439.18	-441.70	-444.22	-446.74	-449.26	-451.78	-454.30	-456.82	-459.34	-461.86	-464.38	-466.90	-469.42	-471.94	-474.46	-476.98	-479.50	-482.02	-484.54	-487.06	-489.58	-492.10	-494.62	-497.14	-499.66	-502.18	-504.70	-507.22	-509.74	-512.26	-514.78	-517.30	-519.82	-522.34	-524.86	-527.38	-529.90	-532.42	-534.94	-537.46	-539.98	-542.50	-545.02	-547.54	-550.06	-552.58	-555.10	-557.62	-560.14	-562.66	-565.18	-567.70	-570.22	-572.74	-575.26	-577.78	-580.30	-582.82	-585.34	-587.86	-590.38	-592.90	-595.42	-597.94	-600.46	-602.98	-605.50	-608.02	-610.54	-613.06	-615.58	-618.10	-620.62	-623.14	-625.66	-628.18	-630.70	-633.22	-635.74	-638.26	-640.78	-643.30	-645.82	-648.34	-650.86	-653.38	-655.90	-658.42	-660.94	-663.46	-665.98	-668.50	-671.02	-673.54	-676.06	-678.58	-681.10	-683.62	-686.14	-688.66	-691.18	-693.70	-696.22	-698.74	-701.26	-703.78	-706.30	-708.82	-711.34	-713.86	-716.38	-718.90	-721.42	-723.94	-726.46	-728.98	-731.50	-734.02	-736.54	-739.06	-741.58	-744.10	-746.62	-749.14	-751.66	-754.18	-756.70	-759.22	-761.74	-764.26	-766.78	-769.30	-771.82	-774.34	-776.86	-779.38	-781.90	-784.42	-786.94	-789.46	-791.98	-794.50	-797.02	-799.54	-802.06	-804.58	-807.10	-809.62	-812.14	-814.66	-817.18	-819.70	-822.22	-824.74	-827.26	-829.78	-832.30	-834.82	-837.34	-839.86	-842.38	-844.90	-847.42	-849.94	-852.46	-854.98	-857.50	-859.98	-862.50	-865.02	-867.54	-870.06	-872.58	-875.10	-877.62	-880.14	-882.66	-885.18	-887.70	-890.22	-892.74	-895.26	-897.78	-900.30	-902.82	-905.34	-907.86	-910.38	-912.90	-915.42	-917.94	-920.46	-922.98	-925.50	-928.02	-930.54	-933.06	-935.58	-938.10	-940.62	-943.14	-945.66	-948.18	-950.70	-953.22	-955.74	-958.26	-960.78	-963.30	-965.82	-968.34	-970.86	-973.38	-975.90	-978.42	-980.94	-983.46	-985.98	-988.50	-991.02	-993.54	-996.06	-998.58	-1001.10	-1003.62	-1006.14	-1008.66	-1011.18	-1013.70	-1016.22	-1018.74	-1021.26	-1023.78	-1026.30	-1028.82	-1031.34	-1033.86	-1036.38	-1038.90	-1041.42	-1043.94	-1046.46	-1048.98	-1051.50	-1054.02	-1056.54	-1059.06	-1061.58	-1064.10	-1066.62	-1069.14	-1071.66	-1074.18	-1076.70	-1079.22	-1081.74	-1084.26	-1086.78	-1089.30	-1091.82	-1094.34	-1096.86	-1099.38	-1101.90	-1104.42	-1106.94	-1109.46	-1111.98	-1114.50	-1117.02	-1119.54	-1122.06	-1124.58	-1127.10	-1129.62	-1132.14	-1134.66	-1137.18	-1139.70	-1142.22	-1144.74	-1147.26	-1149.78	-1152.30	-1154.82	-1157.34	-1159.86	-1162.38	-1164.90	-1167.42	-1169.94	-1172.46	-1174.98	-1177.50	-1179.98	-1182.50	-1185.02	-1187.54	-1190.06	-1192.58	-1195.10	-1197.62	-1200.14	-1202.66	-1205.18	-1207.70	-1210.22	-1212.74	-1215.26	-1217.78	-1220.30	-1222.82	-1225.34	-1227.86	-1230.38	-1232.90	-1235.42	-1237.94	-1240.46	-1242.98	-1245.50	-1248.02	-1250.54	-1253.06	-1255.58	-1258.10	-1260.62	-1263.14	-1265.66	-1268.18	-1270.70	-1273.22	-1275.74	-1278.26	-1280.78	-1283.30	-1285.82	-1288.34	-1290.86	-1293.38	-1295.90	-1298.42	-1300.94	-1303.46	-1305.98	-1308.50	-1311.02	-1313.54	-1316.06	-1318.58	-1321.10	-1323.62	-1326.14	-1328.66	-1331.18	-1333.70	-1336.22	-1338.74	-1341.26	-1343.78	-1346.30	-1348.82	-1351.34	-1353.86	-1356.38	-1358.90	-1361.42	-1363.94	-1366.46	-1368.98	-1371.50	-1374.02	-1376.54	-1379.06	-1381.58	-1384.10	-1386.62	-1389.14	-1391.66	-1394.18	-1396.70	-1399.22	-1401.74	-1404.26	-1406.78	-1409.30	-1411.82	-1414.34	-1416.86	-1419.38	-1421.90	-1424.42	-1426.94	-1429.46	-1431.98	-1434.50	-1437.02	-1439.54	-1442.06	-1444.58	-1447.10	-1449.62	-1452.14	-1454.66	-1457.18	-1459.70	-1462.22	-1464.74	-1467.26	-1469.78	-1472.30	-1474.82	-1477.34	-1479.86	-1482.38	-1484.90	-1487.42	-1489.94	-1492.46	-1494.98	-1497.50	-1499.98	-1502.50	-1505.02	-1507.54	-1510.06	-1512.58	-1515.10	-1517.62	-1520.14	-1522.66	-1525.18	-1527.70	-1530.22	-1532.74	-1535.26	-1537.78	-1540.30	-1542.82	-1545.34	-1547.86	-1550.38	-1552.90	-1555.42	-1557.94	-1560.46	-1562.98	-1565.50	-1568.02	-1570.54	-1573.06	-1575.58	-1578.10	-1580.62	-1583.14	-1585.66	-1588.18	-1590.70	-1593.22	-1595.74	-1598.26	-1600.78	-1603.30	-1605.82	-1608.34	-1610.86	-1613.38	-1615.90	-1618.42	-1620.94	-1623.46	-1625.98	-1628.50	-1631.02	-1633.54	-1636.06	-1638.58	-1641.10	-1643.62	-1646.14	-1648.66	-1651.18	-1653.70	-1656.22	-1658.74	-1661.26	-1663.78	-1666.30	-1668.82	-1671.34	-1673.86	-1676.38	-1678.90	-1681.42	-1683.94	-1686.46	-1688.98	-1691.50	-1694.02	-1696.54	-1699.06	-1701.58	-1704.10	-1706.62	-1709.14	-1711.66	-1714.18	-1716.70	-1719.22	-1721.74	-1724.26	-1726.78	-1729.30	-1731.82	-1734.34	-1736.86	-1739.38	-1741.90	-1744.42	-1746.94	-1749.46	-1751.98	-1754.50	-1757.02	-1759.54	-1762.06	-1764.58	-1767.10	-1769.62	-1772.14	-1774.66	-1777.18	-1779.70	-1782.22	-1784.74	-1787.26	-1789.78	-1792.30	-1794.82	-1797.34	-1799.86	-1802.38	-1804.90	-1807.42	-1809.94	-1812.46	-1814.98	-1817.50	-1820.02	-1822.54	-1825.06	-1827.58	-1830.10	-1832.62	-1835.14	-1837.66	-1840.18	-1842.70	-1845.22	-1847.74	-1850.26	-1852.78	-1855.30	-1857.82	-1860.34	-1862.86	-1865.38	-1867.90	-1870.42	-1872.94	-1875.46	-1877.98	-1880.50	-1883.02	-1885.54	-1888.06	-1890.58	-1893.10	-1895.62	-1898.14	-1900.66	-1903.18	-1905.70	-1908.22	-1910.74	-1913.26	-1915.78	-1918.30	-1920.82	-1923.34	-1925.86	-1928.38	-1930.90	-1933.42	-1935.94	-1938.46	-1940.98	-1943.50	-1946.02	-1948.54	-1951.06	-1953.58	-1956.10	-1958.62	-1961.14	-1963.66	-1966.18	-1968.70	-1971.22	-1973.74	-1976.26	-1978.78	-1981.30	-1983.82	-1986.34	-1988.86	-1991.38	-1993.90	-1996.42	-1998.94	-2001.46	-2003.98	-2006.50	-2009.02	-2011.54	-2014.06	-2016.58	-2019.10	-2021.62	-2024.14	-2026.66	-2029.18	-2031.70	-2034.22	-2036.74	-2039.26	-2041.78	-2044.30	-2046.82	-2049.34	-2051.86	-2054.38	-2056.90	-2059.42	-2061.94	-2064.46	-2066.98	-2069.50	-2072.02	-2074.54	-2077.06	-2079.58	-2082.10	-2084.62	-2087.14	-2089.66	-2092.18	-2094.70	-2097.22	-2099.74	-2102.26	-2104.78	-2107.30	-2109.82	-2112.34	-2114.86	-2117.38	-2119.90	-2122.42	-2124.94	-2127.46	-2129.98	-2132.50	-2135.02	-2137.54	-2140.06	-2142.58	-2145.10	-2147.62	-2150.14	-2152.66	-2155.18	-2157.70	-2160.22	-2162.74	-2165.26	-2167.78	-2170.30	-2172.82	-2175.34	-2177.86	-2180.38	-2182.90	-2185.42	-2187.94	-2190.46	-2192.98	-2195.50	-2198.02	-2200.54	-2203.06	-2205.58	-2208.10	-2210.62	-2213.14	-2215.66	-2218.18	-2220.70	-2223.22	-2225.74	-2228.26	-2230.78	-2233.30	-2235.82	-2238.34	-2240.86	-2243.38	-2245.90	-2248.42	-2250.94	-2253.46	-2255.98	-2258.50	-2261.02	-2263.54	-2266.06	-2268.58	-2271.10	-2273.62	-2276.14	-2278.66	-2281.18	-2283.70	-2286.22	-2288.74	-2291.26	-2293.78	-2296.30	-2298.82	-2301.34	-2303.86	-2306.38	-2308.90	-2311.42	-2313.94	-2316.46	-2318.98	-2321.50	-2324.02	-2326.54	-2329.06	-2331.58	-2334.10	-2336.62	-2339.14	-2341.66	-2344.18	-2346.70	-2349.22	-2351.74</

DATE: 2/2/77

PAGE: 1

RADIAL DISTANCE 150

SOIL PRESSURE LEVELS DERIVED AT STANDARD PA

ANGLES FROM INLET

FREQ.	12.7	20.2	30.1	40.7	50.7	60.7	70.7	80.7	90.7	100.7	110.7	120.7	130.7	140.7	150.7	160.7	170.7	180.7
50	78.45	76.21	75.63	76.27	76.33	76.52	77.84	81.75	81.34	83.79	87.32	91.97	97.84	103.79	109.72	115.72	121.72	127.72
63	78.49	81.05	79.52	82.04	83.02	82.51	84.71	88.52	83.24	85.18	88.45	92.79	97.84	103.79	109.72	115.72	121.72	127.72
82	75.51	77.12	76.72	77.71	79.78	79.82	82.99	87.28	83.26	85.13	88.41	92.67	97.84	103.79	109.72	115.72	121.72	127.72
125	75.85	77.04	75.36	76.81	79.17	79.38	81.38	85.45	84.23	85.19	88.42	92.67	97.84	103.79	109.72	115.72	121.72	127.72
142	83.47	84.75	85.75	86.97	88.27	92.11	96.22	92.15	95.72	99.84	103.79	107.32	111.44	115.72	120.04	124.36	128.68	132.99
162	74.52	74.43	74.59	74.34	74.24	72.55	79.11	84.92	81.52	82.97	84.31	84.44	84.79	85.36	86.04	86.72	87.40	88.08
222	71.84	72.27	71.84	72.25	73.06	73.52	74.79	76.36	77.77	79.49	81.33	83.24	85.13	87.02	88.91	90.80	92.69	94.58
232	72.84	73.33	72.53	73.46	73.99	72.73	75.42	77.52	78.24	79.38	81.37	83.24	85.13	87.02	88.91	90.80	92.69	94.58
315	77.82	79.56	78.22	77.99	77.48	76.22	82.68	82.70	83.33	85.27	87.17	89.07	90.96	92.85	94.74	96.63	98.52	100.41
402	82.24	81.78	82.21	81.84	81.44	82.44	84.44	84.48	87.39	88.13	89.75	91.37	93.00	94.62	96.25	97.87	99.50	101.12
502	79.55	82.63	79.67	82.86	82.89	83.12	84.27	85.85	87.54	89.28	91.02	92.76	94.50	96.24	97.98	99.72	101.46	103.20
632	77.32	77.73	78.84	78.95	81.53	82.94	88.62	83.81	84.18	84.19	85.17	85.53	86.51	87.49	88.47	89.45	90.43	91.41
822	77.77	78.44	81.89	82.63	81.14	82.12	82.48	86.93	84.62	84.43	84.99	85.81	86.79	87.77	88.75	89.73	90.71	91.69
1022	79.29	82.95	82.81	81.47	81.83	81.78	84.64	85.51	85.34	86.29	87.25	88.21	89.17	90.13	91.09	92.05	93.01	93.97
1232	79.83	82.99	87.26	88.56	92.37	91.12	88.89	87.39	86.48	86.28	85.11	84.37	83.63	82.89	82.15	81.41	80.67	79.93
1432	82.22	81.54	82.34	82.14	82.19	82.91	87.82	87.16	88.54	87.21	85.88	84.55	83.22	81.89	80.56	79.23	77.90	76.57
2002	78.92	81.11	83.94	81.31	89.44	87.32	88.51	85.94	85.35	84.24	83.43	82.62	81.81	81.00	80.19	79.38	78.57	77.76
2502	79.24	81.74	84.21	82.82	84.46	82.74	84.52	84.52	83.21	81.22	79.83	78.43	77.03	75.63	74.23	72.83	71.43	70.03
3152	83.71	85.62	85.72	86.57	92.37	89.83	84.28	87.29	85.73	84.12	81.24	82.59	83.94	85.29	86.64	87.99	89.34	90.69
4022	86.81	85.19	88.82	85.81	98.95	88.28	92.13	92.98	92.83	92.68	92.53	92.38	92.23	92.08	91.93	91.78	91.63	91.48
5002	92.17	92.37	93.36	95.24	98.16	96.89	98.15	96.93	95.84	93.31	93.14	92.97	92.80	92.63	92.46	92.29	92.12	91.95
6302	88.44	88.77	87.12	88.22	89.19	86.19	88.43	89.26	87.92	84.74	84.21	83.22	82.23	81.24	80.25	79.26	78.27	77.28
8002	87.92	84.67	86.34	87.85	91.57	86.41	88.91	89.82	89.21	85.42	84.78	83.79	82.80	81.81	80.82	79.83	78.84	77.85
10002	88.12	88.52	89.31	91.17	95.32	92.55	93.32	93.55	92.48	89.54	89.48	89.42	89.36	89.30	89.24	89.18	89.12	89.06

C120

MEASURED OASPL

CALCULATED OASPL

PNCR

OASPL: 155.8

AMBIENT TEMP. 33.82
MET-BULB TEMP. 27.49
BAR. PRESSURE 24.94
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 50 °/D 1/32/72 R/C 2/3/77-3

RUN#11 HDQ#103 SPEED#7727

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GATE 2/28/72

RADIAL DISTANCE 152

PAGE 2

STATION PRESSURE LEVELS EFFECTIVITY INDEX

STATION	12.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
57	-3.61	-6.25	-6.47	-6.17	-3.93	-3.17	-2.42	-5.13	-5.10	-5.27	-5.22	-5.27	-5.22	-5.27	-5.22	-5.27	-5.22	-5.27	-5.22	-5.27
61	-5.34	-2.94	-4.52	-2.48	-4.24	-1.51	-2.32	-5.29	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23
67	-7.41	-5.61	-6.21	-5.22	-3.17	-3.11	-2.19	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14
127	-2.42	-6.41	-6.12	-6.84	-4.18	-3.47	-2.27	-2.22	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27	-2.27
129	-2.02	-9.21	-8.73	-8.71	-3.12	-3.56	-5.17	-4.475	-2.59	-3.36	-2.19	-4.65	-2.42	-5.13	-5.10	-5.27	-5.22	-5.27	-5.22	-5.27
182	-2.13	-6.81	-4.66	-4.41	-3.58	-2.59	-2.42	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14	-5.14
202	-4.37	-3.28	-3.77	-4.89	-1.56	-1.82	-3.49	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51
232	-3.49	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51	-3.51
315	-3.69	-1.95	-3.15	-3.52	-4.43	-3.31	-3.42	-2.89	-3.97	-3.43	-3.61	-2.24	-4.09	-3.82	-4.77	-3.58	-1.55	-1.32	-1.32	-1.32
402	-3.42	-2.89	-3.97	-3.43	-3.61	-2.24	-4.09	-3.82	-4.77	-3.58	-1.55	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
502	-3.58	-3.57	-2.46	-2.18	-2.35	-3.24	-4.05	-3.58	-3.29	-1.59	-1.27	-2.59	-5.15	-2.39	-2.34	-1.88	-4.56	-4.251	-4.251	-4.251
602	-6.05	-3.58	-3.29	-1.59	-1.27	-2.59	-5.15	-2.39	-2.34	-1.88	-4.56	-4.251	-4.251	-4.251	-4.251	-4.251	-4.251	-4.251	-4.251	-4.251
1250	-7.69	-4.52	-4.56	-1.298	-4.057	-3.611	-5.28	-4.63	-9.24	-1.247	-3.784	-2.582	-2.582	-2.582	-2.582	-2.582	-2.582	-2.582	-2.582	-2.582
1482	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12
2082	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
2582	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
3152	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
4082	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
5030	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
6302	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
8002	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52
14802	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52	-2.52

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C121

AMBIENT TEMP: 33.42
WET-BULB TEMP: 27.49
BAR. PRESSURE 26.96
ABS. HUMIDITY 2.472

FAA FAX/COMPRESSOR - PHASE 1R + 5G 1/2 1/30/72 R/D 2/3/72-3

RUN 11 RD 0120 SPEED 7740

DATE: 2/24/72

RADIAL DISTANCE: 182

PAGE: 1

SPIN PRESSURE LEVELS SET FOR AT STANDARD DAY

FREQ	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
50	76.37	76.97	76.70	77.42	75.44	76.58	82.32	82.70	82.33	84.78	88.37	93.30	136.7																					
51	76.33	76.28	76.11	72.66	75.66	75.41	81.25	81.47	81.49	86.31	89.75	94.54	137.9																					
52	75.50	77.48	77.67	76.46	79.54	82.13	82.12	84.22	85.4	86.92	92.37	93.57	137.9																					
102	27.49	28.74	26.45	28.97	27.25	27.22	82.27	83.88	83.27	87.83	91.27	94.21	138.7																					
125	76.01	91.40	89.23	86.34	90.32	91.11	87.74	89.21	89.49	96.74	92.16	93.19	142.3																					
148	76.28	88.61	78.71	76.89	72.29	72.42	81.21	82.78	81.52	84.71	87.12	88.44	148.9																					
202	72.49	74.73	72.04	72.24	74.23	75.19	76.04	78.88	79.39	82.47	82.69	83.62	138.9																					
252	71.92	78.22	77.27	75.53	74.49	74.54	73.22	77.88	78.25	82.19	82.85	82.94	141.2																					
315	76.87	88.41	79.75	79.79	78.44	78.37	82.96	83.25	84.25	85.06	90.14	90.94	136.1																					
402	81.24	82.28	81.73	82.78	82.45	83.77	85.37	87.18	84.49	88.71	92.85	92.14	139.5																					
502	82.37	81.52	79.97	82.82	83.79	84.24	85.79	87.00	89.24	92.00	92.38	92.21	139.5																					
632	79.19	78.22	77.51	78.57	78.42	81.41	82.33	84.17	84.40	85.87	86.62	85.44	140.5																					
802	81.13	81.22	82.42	84.66	85.97	86.23	82.69	83.85	85.95	85.92	85.84	84.23	137.9																					
1002	82.35	82.71	81.71	82.13	84.47	85.13	83.44	84.55	87.11	88.35	88.86	85.72	138.7																					
1252	83.28	87.27	92.21	92.52	95.47	92.68	86.36	86.35	86.35	87.43	87.84	85.53	143.9																					
1482	82.78	82.47	83.15	84.62	88.88	88.12	87.38	87.28	88.33	87.14	88.59	83.22	140.9																					
2002	82.56	82.16	85.35	88.44	88.99	89.35	87.06	88.78	86.23	84.45	84.71	81.61	139.9																					
2502	85.85	87.45	86.24	92.04	90.99	89.87	84.19	84.77	83.52	82.14	81.22	80.19	138.8																					
3152	87.47	84.54	88.23	89.24	88.48	87.69	88.13	98.42	89.13	84.45	85.22	83.54	141.6																					
4002	91.03	92.15	92.46	92.84	94.43	92.64	84.48	95.83	96.29	91.27	92.38	88.16	142.9																					
4302	88.22	88.49	87.31	87.44	88.23	87.37	87.83	88.32	88.38	85.33	84.49	83.21	142.8																					
6302	86.82	86.18	87.88	86.88	91.33	86.33	89.98	90.39	89.85	86.42	84.54	92.69	144.6																					
10002	88.46	88.11	88.25	89.43	93.57	89.53	92.22	94.59	91.29	89.75	88.24	85.51	148.8																					
MEASURED OASPL	98.48	99.47	100.2	101.2	102.5	101.8	101.0	102.7	102.9	102.1	103.3	104.8																						
CALCULATED OASPL	98.26	99.49	99.48	100.5	102.4	102.3	101.3	102.2	102.2	102.9	101.6	102.8																						
PNDR	112.3	112.9	113.2	114.3	115.8	113.2	110.8	116.4	116.6	113.8	114.3	112.3																						

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C122

GAP: 1 155.7

AMBIENT TEMP: 33.42
WET-BULB TEMP: 27.49
BAR. PRESSURE: 29.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - 3-1SE 5E - 5C T/D 1/36/77 R/D 2/3/77-3

RUN#11 RDQ#124V SPEC#7909

RADIAL DISTANCE 198

DATE: 2/26/77

S.W. PRESSURE LEVELS SPECTIVITY I.F.E.Y

ANGLE FROM INLET

PRN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	147
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RADIAL DISTANCE 154

DATE: 2/16/77

PAGE: 1

SOIL PRESSURE LEVELS REDUCED AT STATION 154

DEPTH	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0
5	87.69	86.36	79.75	79.62	81.22	81.14	83.75	84.01	84.21	86.74	87.49	95.03	138.9						
10	79.15	81.04	87.25	82.75	81.12	81.53	84.21	85.44	85.70	88.23	91.69	96.69	142.2						
15	75.75	82.41	79.35	82.23	82.86	81.79	84.37	85.96	86.77	89.24	95.01	139.9							
20	75.69	81.28	79.24	82.84	82.22	82.72	85.18	86.94	87.91	90.22	93.34	95.91	142.7						
25	82.19	83.22	81.52	83.57	82.33	83.92	87.20	87.19	88.39	89.24	93.24	96.27	143.5						
30	83.23	85.91	84.45	86.59	83.35	85.86	88.42	84.31	85.28	86.53	89.83	92.94	148.9						
35	74.79	76.57	75.82	74.57	75.99	78.37	79.03	82.42	82.24	83.75	85.61	87.98	134.1						
40	72.17	73.55	72.69	75.45	72.47	78.27	78.32	81.54	81.51	82.84	85.29	85.81	133.9						
45	84.54	82.11	81.35	81.59	83.55	81.92	83.75	85.41	86.41	87.32	88.57	87.17	137.5						
50	83.29	85.36	84.43	83.92	83.32	85.15	85.25	86.58	85.28	86.24	87.44	88.27	142.9						
55	91.45	82.64	81.19	83.22	84.01	85.63	87.32	88.94	88.33	91.98	91.77	89.75	141.8						
60	81.82	82.33	82.18	82.19	83.28	85.14	84.42	85.17	87.23	88.87	89.24	88.14	138.8						
65	83.79	87.84	87.95	89.34	85.99	86.24	86.06	86.25	86.44	85.43	92.41	87.95	147.7						
70	82.48	81.28	84.71	82.99	87.56	84.81	87.85	87.23	88.22	88.95	88.39	85.78	146.5						
75	85.28	86.94	92.63	92.72	97.28	94.58	92.11	99.83	86.39	89.92	89.56	87.77	146.1						
80	81.75	83.74	85.64	86.49	92.88	88.54	88.22	87.34	87.72	87.74	88.31	84.79	141.1						
85	82.02	83.83	85.84	89.13	88.99	86.29	87.42	86.48	86.51	85.44	85.15	83.17	142.4						
90	80.87	83.95	84.19	81.61	85.31	85.43	85.14	84.63	84.42	82.57	81.26	81.22	148.1						
95	86.32	86.23	88.75	90.75	89.51	88.44	88.47	87.87	86.62	85.29	85.59	84.91	141.9						
100	88.38	88.69	84.54	89.39	89.97	87.74	88.48	89.23	88.18	86.13	85.14	84.28	143.2						
105	91.12	91.55	91.16	91.28	93.83	91.37	97.03	94.76	95.74	92.39	91.41	87.25	148.7						
110	87.55	87.43	86.32	87.22	88.34	88.44	88.17	88.94	85.32	85.62	85.20	84.57	142.9						
115	88.58	84.47	87.28	87.82	92.16	86.12	89.67	91.14	88.89	85.46	85.97	83.59	144.9						
120	88.82	88.82	87.71	88.99	94.34	88.93	93.14	92.89	91.89	88.73	87.45	85.73	148.3						
125	99.75	100.9	121.2	122.6	105.7	122.1	123.3	103.2	123.5	123.3	124.9	106.0							
130	96.98	99.99	127.3	121.7	123.1	121.2	122.4	122.2	122.4	121.9	103.3	104.8							
135	112.7	113.3	113.5	114.5	115.9	114.2	116.9	115.2	115.6	113.9	114.6	113.2							

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MEASURED CASPL
CALCULATE CASPL
RND

318.1 156.3

AMBIENT TEMP 34.2
MET-BULB TEMP 27.2
BAR. PRESSURE 25.95
ABS. HUMIDITY 2.803

FAA FA/COORDINATES - PULSE 3 - 50 °/D 1/3/77 - 1/2 2/3/77-3

RUN#11 QC=11.1 SREF=6127

RACIAL DISTANCE 150

DATE 2/26/77

SAV PRESSURE MEASUREMENT

	12.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
5.0	-4.50	-5.30	-5.90	-6.50	-7.10	-7.70	-8.30	-8.90	-9.50	-10.10	-10.70	-11.30	-11.90	-12.50	-13.10	-13.70	-14.30	-14.90	-15.50	-16.10
6.0	-7.51	-8.22	-8.80	-9.38	-9.96	-10.54	-11.12	-11.70	-12.28	-12.86	-13.44	-14.02	-14.60	-15.18	-15.76	-16.34	-16.92	-17.50	-18.08	-18.66
7.0	-7.73	-8.27	-8.74	-9.21	-9.68	-10.15	-10.62	-11.09	-11.56	-12.03	-12.50	-12.97	-13.44	-13.91	-14.38	-14.85	-15.32	-15.79	-16.26	-16.73
8.0	-7.53	-8.00	-8.43	-8.86	-9.29	-9.72	-10.15	-10.58	-11.01	-11.44	-11.87	-12.30	-12.73	-13.16	-13.59	-14.02	-14.45	-14.88	-15.31	-15.74
9.0	-1.915	-1.91	-1.90	-1.89	-1.88	-1.87	-1.86	-1.85	-1.84	-1.83	-1.82	-1.81	-1.80	-1.79	-1.78	-1.77	-1.76	-1.75	-1.74	-1.73
10.0	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17
11.0	-5.64	-3.87	-4.63	-5.39	-6.15	-6.91	-7.67	-8.43	-9.19	-9.95	-10.71	-11.47	-12.23	-12.99	-13.75	-14.51	-15.27	-16.03	-16.79	-17.55
12.0	-3.15	-2.735	-2.588	-2.441	-2.294	-2.147	-2.000	-1.853	-1.706	-1.559	-1.412	-1.265	-1.118	-0.971	-0.824	-0.677	-0.530	-0.383	-0.236	-0.089
13.0	-3.24	-1.67	-2.42	-3.17	-3.92	-4.67	-5.42	-6.17	-6.92	-7.67	-8.42	-9.17	-9.92	-10.67	-11.42	-12.17	-12.92	-13.67	-14.42	-15.17
14.0	-3.72	-1.13	-2.24	-3.35	-4.46	-5.57	-6.68	-7.79	-8.90	-10.01	-11.12	-12.23	-13.34	-14.45	-15.56	-16.67	-17.78	-18.89	-20.00	-21.11
15.0	-5.55	-4.46	-5.91	-7.36	-8.81	-10.26	-11.71	-13.16	-14.61	-16.06	-17.51	-18.96	-20.41	-21.86	-23.31	-24.76	-26.21	-27.66	-29.11	-30.56
16.0	-2.99	-4.47	-2.22	-2.61	-3.00	-3.39	-3.78	-4.17	-4.56	-4.95	-5.34	-5.73	-6.12	-6.51	-6.90	-7.29	-7.68	-8.07	-8.46	-8.85
17.0	-2.35	-1.23	-1.314	-2.726	-4.138	-5.550	-6.962	-8.374	-9.786	-11.198	-12.610	-14.022	-15.434	-16.846	-18.258	-19.670	-21.082	-22.494	-23.906	-25.318
18.0	-3.72	-1.13	-2.24	-3.35	-4.46	-5.57	-6.68	-7.79	-8.90	-10.01	-11.12	-12.23	-13.34	-14.45	-15.56	-16.67	-17.78	-18.89	-20.00	-21.11
19.0	-6.52	-2.83	-1.64	-3.927	-5.265	-6.603	-7.941	-9.279	-10.617	-11.955	-13.293	-14.631	-15.969	-17.307	-18.645	-19.983	-21.321	-22.659	-23.997	-25.335
20.0	-4.94	-2.92	-1.335	-3.828	-5.321	-6.814	-8.307	-9.800	-11.293	-12.786	-14.279	-15.772	-17.265	-18.758	-20.251	-21.744	-23.237	-24.730	-26.223	-27.716
21.0	-3.27	-1.99	-3.93	-3.383	-3.161	-2.939	-2.717	-2.495	-2.273	-2.051	-1.829	-1.607	-1.385	-1.163	-0.941	-0.719	-0.497	-0.275	-0.053	0.169
22.0	-2.49	-4.24	-1.342	-2.251	-3.160	-4.069	-4.978	-5.887	-6.796	-7.705	-8.614	-9.523	-10.432	-11.341	-12.250	-13.159	-14.068	-14.977	-15.886	-16.795
23.0	-1.77	-1.49	-1.76	-3.767	-2.528	-2.406	-2.284	-2.162	-2.040	-1.918	-1.796	-1.674	-1.552	-1.430	-1.308	-1.186	-1.064	-0.942	-0.820	-0.698
24.0	-8.98	-1.23	-8.334	-2.159	-2.243	-2.258	-2.273	-2.288	-2.303	-2.318	-2.333	-2.348	-2.363	-2.378	-2.393	-2.408	-2.423	-2.438	-2.453	-2.468
25.0	-1.39	-0.957	-1.35	-1.43	-1.51	-1.59	-1.67	-1.75	-1.83	-1.91	-1.99	-2.07	-2.15	-2.23	-2.31	-2.39	-2.47	-2.55	-2.63	-2.71
26.0	-6.53	-6.21	-2.27	-8.929	-2.239	-1.312	-1.327	-1.342	-1.357	-1.372	-1.387	-1.402	-1.417	-1.432	-1.447	-1.462	-1.477	-1.492	-1.507	-1.522
27.0	-7.957	-3.31	-0.69	-3.99	-4.281	-4.573	-4.865	-5.157	-5.449	-5.741	-6.033	-6.325	-6.617	-6.909	-7.201	-7.493	-7.785	-8.077	-8.369	-8.661
28.0	-1.92	-3.35	-2.24	-3.982	-4.307	-4.632	-4.957	-5.282	-5.607	-5.932	-6.257	-6.582	-6.907	-7.232	-7.557	-7.882	-8.207	-8.532	-8.857	-9.182
29.0	-12.22																			

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WATER 12.0 34.4
WEIR 12.0 28.0
BAP PRESS 28.0
ABS. PRESS 2.543

FAA FA 720995574 2-25-50 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 1/11 1/12 1/13 1/14 1/15 1/16 1/17 1/18 1/19 1/20 1/21 1/22 1/23 1/24 1/25 1/26 1/27 1/28 1/29 1/30 1/31 1/32 1/33 1/34 1/35 1/36 1/37 1/38 1/39 1/40 1/41 1/42 1/43 1/44 1/45 1/46 1/47 1/48 1/49 1/50 1/51 1/52 1/53 1/54 1/55 1/56 1/57 1/58 1/59 1/60 1/61 1/62 1/63 1/64 1/65 1/66 1/67 1/68 1/69 1/70 1/71 1/72 1/73 1/74 1/75 1/76 1/77 1/78 1/79 1/80 1/81 1/82 1/83 1/84 1/85 1/86 1/87 1/88 1/89 1/90 1/91 1/92 1/93 1/94 1/95 1/96 1/97 1/98 1/99 1/100

RUN 11 AL 1112 SPEED 0.0127

RADIAL DISTANCE 150

21077

STL PRESSURE LEVELS RECORDED AT STA 3-4

ANOMALOUS POINTS

37.1	78.54	77.29	73.59	64.43	52.24	82.43	81.17	83.58	85.18	91.18	95.12	95.27	138.4
38.1	79.19	77.19	73.59	64.43	52.24	82.82	81.66	84.07	85.67	91.67	95.61	95.76	139.5
39.1	79.19	77.19	73.59	64.43	52.24	83.43	82.27	84.68	86.28	92.28	96.22	96.37	140.6
40.1	79.19	77.19	73.59	64.43	52.24	84.43	83.27	85.52	87.12	93.12	97.06	97.21	141.7
41.1	79.19	77.19	73.59	64.43	52.24	85.43	84.27	86.52	88.12	94.12	98.06	98.21	142.8
42.1	79.19	77.19	73.59	64.43	52.24	86.43	85.27	87.52	89.12	95.12	99.06	99.21	143.9
43.1	79.19	77.19	73.59	64.43	52.24	87.43	86.27	88.52	90.12	96.12	100.06	100.21	145.0
44.1	79.19	77.19	73.59	64.43	52.24	88.43	87.27	89.52	91.12	97.12	101.06	101.21	146.1
45.1	79.19	77.19	73.59	64.43	52.24	89.43	88.27	90.52	92.12	98.12	102.06	102.21	147.2
46.1	79.19	77.19	73.59	64.43	52.24	90.43	89.27	91.52	93.12	99.12	103.06	103.21	148.3
47.1	79.19	77.19	73.59	64.43	52.24	91.43	90.27	92.52	94.12	100.12	104.06	104.21	149.4
48.1	79.19	77.19	73.59	64.43	52.24	92.43	91.27	93.52	95.12	101.12	105.06	105.21	150.5
49.1	79.19	77.19	73.59	64.43	52.24	93.43	92.27	94.52	96.12	102.12	106.06	106.21	151.6
50.1	79.19	77.19	73.59	64.43	52.24	94.43	93.27	95.52	97.12	103.12	107.06	107.21	152.7
51.1	79.19	77.19	73.59	64.43	52.24	95.43	94.27	96.52	98.12	104.12	108.06	108.21	153.8
52.1	79.19	77.19	73.59	64.43	52.24	96.43	95.27	97.52	99.12	105.12	109.06	109.21	154.9
53.1	79.19	77.19	73.59	64.43	52.24	97.43	96.27	98.52	100.12	106.12	110.06	110.21	156.0
54.1	79.19	77.19	73.59	64.43	52.24	98.43	97.27	99.52	101.12	107.12	111.06	111.21	157.1
55.1	79.19	77.19	73.59	64.43	52.24	99.43	98.27	100.52	102.12	108.12	112.06	112.21	158.2
56.1	79.19	77.19	73.59	64.43	52.24	100.43	99.27	101.52	103.12	109.12	113.06	113.21	159.3
57.1	79.19	77.19	73.59	64.43	52.24	101.43	100.27	102.52	104.12	110.12	114.06	114.21	160.4
58.1	79.19	77.19	73.59	64.43	52.24	102.43	101.27	103.52	105.12	111.12	115.06	115.21	161.5
59.1	79.19	77.19	73.59	64.43	52.24	103.43	102.27	104.52	106.12	112.12	116.06	116.21	162.6
60.1	79.19	77.19	73.59	64.43	52.24	104.43	103.27	105.52	107.12	113.12	117.06	117.21	163.7
61.1	79.19	77.19	73.59	64.43	52.24	105.43	104.27	106.52	108.12	114.12	118.06	118.21	164.8
62.1	79.19	77.19	73.59	64.43	52.24	106.43	105.27	107.52	109.12	115.12	119.06	119.21	165.9
63.1	79.19	77.19	73.59	64.43	52.24	107.43	106.27	108.52	110.12	116.12	120.06	120.21	167.0
64.1	79.19	77.19	73.59	64.43	52.24	108.43	107.27	109.52	111.12	117.12	121.06	121.21	168.1
65.1	79.19	77.19	73.59	64.43	52.24	109.43	108.27	110.52	112.12	118.12	122.06	122.21	169.2
66.1	79.19	77.19	73.59	64.43	52.24	110.43	109.27	111.52	113.12	119.12	123.06	123.21	170.3
67.1	79.19	77.19	73.59	64.43	52.24	111.43	110.27	112.52	114.12	120.12	124.06	124.21	171.4
68.1	79.19	77.19	73.59	64.43	52.24	112.43	111.27	113.52	115.12	121.12	125.06	125.21	172.5
69.1	79.19	77.19	73.59	64.43	52.24	113.43	112.27	114.52	116.12	122.12	126.06	126.21	173.6
70.1	79.19	77.19	73.59	64.43	52.24	114.43	113.27	115.52	117.12	123.12	127.06	127.21	174.7
71.1	79.19	77.19	73.59	64.43	52.24	115.43	114.27	116.52	118.12	124.12	128.06	128.21	175.8
72.1	79.19	77.19	73.59	64.43	52.24	116.43	115.27	117.52	119.12	125.12	129.06	129.21	176.9
73.1	79.19	77.19	73.59	64.43	52.24	117.43	116.27	118.52	120.12	126.12	130.06	130.21	178.0
74.1	79.19	77.19	73.59	64.43	52.24	118.43	117.27	119.52	121.12	127.12	131.06	131.21	179.1
75.1	79.19	77.19	73.59	64.43	52.24	119.43	118.27	120.52	122.12	128.12	132.06	132.21	180.2
76.1	79.19	77.19	73.59	64.43	52.24	120.43	119.27	121.52	123.12	129.12	133.06	133.21	181.3
77.1	79.19	77.19	73.59	64.43	52.24	121.43	120.27	122.52	124.12	130.12	134.06	134.21	182.4
78.1	79.19	77.19	73.59	64.43	52.24	122.43	121.27	123.52	125.12	131.12	135.06	135.21	183.5
79.1	79.19	77.19	73.59	64.43	52.24	123.43	122.27	124.52	126.12	132.12	136.06	136.21	184.6
80.1	79.19	77.19	73.59	64.43	52.24	124.43	123.27	125.52	127.12	133.12	137.06	137.21	185.7
81.1	79.19	77.19	73.59	64.43	52.24	125.43	124.27	126.52	128.12	134.12	138.06	138.21	186.8
82.1	79.19	77.19	73.59	64.43	52.24	126.43	125.27	127.52	129.12	135.12	139.06	139.21	187.9
83.1	79.19	77.19	73.59	64.43	52.24	127.43	126.27	128.52	130.12	136.12	140.06	140.21	189.0
84.1	79.19	77.19	73.59	64.43	52.24	128.43	127.27	129.52	131.12	137.12	141.06	141.21	190.1
85.1	79.19	77.19	73.59	64.43	52.24	129.43	128.27	130.52	132.12	138.12	142.06	142.21	191.2
86.1	79.19	77.19	73.59	64.43	52.24	130.43	129.27	131.52	133.12	139.12	143.06	143.21	192.3
87.1	79.19	77.19	73.59	64.43	52.24	131.43	130.27	132.52	134.12	140.12	144.06	144.21	193.4
88.1	79.19	77.19	73.59	64.43	52.24	132.43	131.27	133.52	135.12	141.12	145.06	145.21	194.5
89.1	79.19	77.19	73.59	64.43	52.24	133.43	132.27	134.52	136.12	142.12	146.06	146.21	195.6
90.1	79.19	77.19	73.59	64.43	52.24	134.43	133.27	135.52	137.12	143.12	147.06	147.21	196.7
91.1	79.19	77.19	73.59	64.43	52.24	135.43	134.27	136.52	138.12	144.12	148.06	148.21	197.8
92.1	79.19	77.19	73.59	64.43	52.24	136.43	135.27	137.52	139.12	145.12	149.06	149.21	198.9
93.1	79.19	77.19	73.59	64.43	52.24	137.43	136.27	138.52	140.12	146.12	150.06	150.21	200.0
94.1	79.19	77.19	73.59	64.43	52.24	138.43	137.27	139.52	141.12	147.12	151.06	151.21	201.1
95.1	79.19	77.19	73.59	64.43	52.24	139.43	138.27	140.52	142.12	148.12	152.06	152.21	202.2
96.1	79.19	77.19	73.59	64.43	52.24	140.43	139.27	141.52	143.12	149.12	153.06	153.21	203.3
97.1	79.19	77.19	73.59	64.43	52.24	141.43	140.27	142.52	144.12	150.12	154.06	154.21	204.4
98.1	79.19	77.19	73.59	64.43	52.24	142.43	141.27	143.52	145.12	151.12	155.06	155.21	205.5
99.1	79.19	77.19	73.59	64.43	52.24	143.43	142.27	144.52	146.12	152.12	156.06	156.21	206.6
100.1	79.19	77.19	73.59	64.43	52.24	144.43	143.27	145.52	147.12	153.12	157.06	157.21	207.7
101.1	79.19	77.19	73.59	64.43	52.24	145.43	144.27	146.52	148.12	154.12	158.06	158.21	208.8
102.1	79.19	77.19	73.59	64.43	52.24	146.43	145.27	147.52	149.12	155.12	159.06	159.21	209.9
103.1	79.19	77.19	73.59	64.43	52.24	147.43	146.27	148.52	150.12	156.12	160.06	160.21	211.0
104.1	79.19	77.19	73.59	64.43	52.24	148.43	147.27	149.52	151.12	157.12	161.06	161.21	212.1
105.1	79.19	77.19	73.59	64.43	52.24	149.43	148.27	150.52	152.12	158.12	162.06	162.21	213.2
106.1	79.19	77.19	73.59	64.43	52.24	150.43	149.27	151.52	153.12	159.12	163.06	163.21	214.3
107.1	79.19	77.19	73.59	64.43	52.24	151.43	150.27	152.52	154.12	160.12	164.06	164.21	215.4
108.1	79.19	77.19	73.59	64.43	52.24	152.43	151.27	153.52	155.12	161.12	165.06	165.21	216.5
109.1	79.19	77.19	73.59	64.43	52.24	153.43	152.27	154.52	156.12	162.12	166.06	166.21	217.6
110.1	79.19	77.19	73.59	64.43	52.24	154.43	153.27	155.52	157.12	163.12	167.06	167.21	218.7
111.1	79.19	77.19	73.59	64.43	52.24	155.43	154.27	156.52	158.12	164.12	168.06	168.21	219.8
112.1	79.19	77.19	73.59	64.43	52.24	156.43	155.27	157.52	159.12	165.12	169.06	169.21	220.9
113.1	79.19	77.19	73.59	64.43	52.24	157.43	156.27	158.52	160.12	166.12	170.06	170.21	222.0
114.1	79.19	77.19	73.59	64.43	52.24	158.43	157.27	159.52	161.12	167.12	171.06	171.21	223.1
115.1	79.19	77.19	73.59	64.43	52.24	159.43	158.27	160.52	162.12	168.12	172.06	172.21	224.2
116.1	79.19	77.19	73.59	64.43	52.24	160.43	159.27	161.52	163.12	169.12	173.06	173.21	225.3
117.1	79.19	77.19	73.59	6									

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DATE: 2/5/77

PACIAL TEST: 150

PAGE: 2

S: PRESS OF LE 6-3: REACTIVITY: 1.5A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

5.83	7.48	7.43	7.52	5.43	5.33	3.68	2.22	1.35	1.28	5.34	2.41
5.85	6.94	7.50	7.32	6.02	5.22	3.45	1.81	1.49	1.29	5.393	2.41
5.92	7.22	7.44	7.11	5.27	4.58	2.71	1.35	1.72	1.97	5.4	5.45
8.35	7.13	5.51	7.47	5.49	4.84	2.15	0.81	1.24	2.325	5.54	9.36
6.73	5.22	6.16	6.47	5.31	4.74	2.612	0.783	1.318	2.336	5.764	8.393
6.24	2.38	2.68	2.37	5.39	5.34	1.758	2.738	2.727	1.245	2.678	5.614
4.23	2.63	2.42	4.24	3.27	2.49	1.41	7.174	2.144	1.248	5.298	4.394
4.19	2.68	2.51	3.47	3.97	2.56	1.47	4.388	1.244	3.326	5.969	7.933
5.23	2.71	2.71	3.19	4.17	3.22	2.114	0.872	2.114	1.687	5.379	5.472
4.66	2.69	2.84	3.24	1.41	1.98	1.028	1.832	1.899	3.122	4.565	3.421
5.52	2.73	2.43	2.97	2.78	2.64	1.714	1.943	2.702	1.934	1.557	2.958
4.19	2.49	2.35	2.936	1.663	2.83	3.759	2.727	2.978	2.284	1.723	3.264
4.15	2.25	2.42	1.47	1.89	2.14	2.425	0.867	1.331	2.290	4.229	1.221
5.78	1.57	1.41	5.52	7.336	7.441	1.297	1.937	1.597	7.114	2.126	1.866
4.44	2.43	2.24	1.461	2.383	1.923	0.489	0.881	1.721	1.237	0.604	1.222
4.39	1.32	1.54	2.108	3.597	1.524	2.257	1.412	2.217	0.332	0.533	1.157
2.53	1.59	1.85	2.884	2.25	2.21	2.775	1.913	2.729	0.262	4.297	0.825
2.57	1.200	1.725	0.791	1.864	1.867	0.423	2.367	1.349	0.826	1.151	1.24
8.15	1.843	1.615	1.816	1.922	2.242	1.362	2.314	1.272	1.561	1.126	0.554
1.425	1.79	2.295	2.258	1.517	1.54	2.798	2.964	1.893	1.141	2.225	2.67
4.62	1.11	1.31	1.27	1.6718	1.54	5.683	1.589	2.922	1.52	2.74	0.42
1.87	1.31	2.69	1.12	1.109	1.927	3.462	3.148	2.429	1.16	1.97	3.49
1.988	1.87	1.34	1.883	4.225	1.437	2.152	3.107	2.141	1.48	1.59	4.11
4.33	5.58	4.05	1.93	5.593	0.929	2.734	3.516	1.092	1.52	3.19	4.92

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